

**YEIP**  
**04-041**  
**2004**

WHITE RIVER REGIONAL SOIL SURVEY REPORT

YMIP 04-041

NTS # 115 O\4

LAT: 63° 06 N

LONG: 139° 43 W

DAWSON MINING DISTRICT

AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED JUNE 15, 2004 - OCTOBER 20, 2004

DATE OF REPORT JANUARY 25, 2005

## TABLE OF CONTENT

Summary	p.3
1.0 INTRODUCTION	p.3
2.0 PROJECT LOCATION	p.3
3.0 ACCESS	p.3
1.0 EXPLORATION TARGET	p.3
5.0 GEOLOGY	p.4
6.0 WORK PERFORMED / METHODS	p.5
7.0 INTERPRETATION	p.5
8.0 RECOMMENDATION	p.5
Gold Soil Map	Figure 1
Arsenic Soil Map	Figure 2
Antimony Soil Map	Figure 3
Soil Location GPS numbers	Appendix
Assay Certificate	Appendix

# WHITE RIVER REGIONAL PROJECT

## SUMMARY

The White River Regional Project seen 13 man days of work collecting 330 soils. The soils targeted ultra mafic contacts and magnetic high contact located west of the White Claims. The Program was successful in identifying six areas that where anomalous in arsenic and antimony. Gold values where low with only two samples above 50 ppb Au.

## 1.0 INTRODUCTION

The White River Regional Soil Project was undertaken to find anomalous gold, arsenic and antimony areas found around ultra mafic contact areas. The program was successful in sampling 9 contact areas. Only one area has returned anomalous gold with minor arsenic and antimony values.

## 2.0 PROJECT LOCATION

The White River Regional Project is located south of the White River and west of the Yukon River. It's located in the Whitehorse Mining Division, on NTS # 115O / 4. The latitude is centered around 63°06 and longitude 139°43.

## 3.0 ACCESS

The Project area can be access via helicopter located in Dawson City. The center of the Proposed Project area is located about 80 miles south of Dawson City.

## 4.0 EXPLORATION TARGET

i) The main commodities sought after is gold.

ii) DEPOSIT TYPE

The model deposit being used is mesothermal quartz vein or Pogo look a like. I was very successful in finding high grade gold bearing quartz vein at the mouth of the White River on what is now become the White claims. The exact model as to weather this is a Pogo look a like or mesothermal system is still up in the air but we do know that there seems to be a structural correlation to where anomalous gold are being found, such as gabro and quartz mica-schist contact.

## 5.0 GEOLOGY

Bostock Map (711A) Olgilvie, describe the Steward South Project area as lying in the Precambrian and later, Yukon Group of schist, gneiss and quartzite of the Yukon Tanana Terrane. He also noted a number of small gneissic granite and one large Eocene or later granite or syenite porphyry.

I have also review Jim Ryan and Steve Gordey new Open File 4338 Geology, Southern Stewart River Area (2002). Jim and Steve have mapped seven different rock units in the regional prospect area.

### MID (?) - TO LATE PALEOZOIC

Unit 3 / 4: is a quartz-mica schist and mica -quartz schist/paragneiss units undivided.

Unit 5: is a marble (metacarbonate) derived from pure to impure limestone; associated calc-silicate schist derived from calcareous metapelite.

Unit 6: Amphibolite schist and gneiss; metabasite; probably derived from mafic to intermediate volcanic or volcanoclastic rocks; locally associated with psammite or interlayered with orthogneiss.

Unit 6 / 9: Undivided amphibolite and grey gneiss units

Unit 9: Grey Gneiss, intermediate to mafic orthogneiss; generally grey; banded to layered; commonly veined; derived from intermediate granitoid (tonalite to diorite) sheets; usually interlayered with amphibolite schist and gneiss.

Unit 10: Felsic Gneiss, pink to orange felsic orthogneiss; banded to layered; veined and/or segregated; derived from felsic granitoid sheets.

### JURASSIC? OR CRETACEOUS

Unit 16: Granite: pink to grey, locally porphyritic, syenogranite to monzogranite plutons and dykes.

## **6.0 WORK PERFORMED / METHODS**

### **Soil Work**

Soil where taken at 100 meters intervals using one-meter soil augers. Soil sample where taken at an average depth of 50-70 centimeters. All sample where placed in kraft soil bags. Exact position location where define using Garmin GPS. All GPS location where downloaded nightly onto field computers.

Soil location where marked in the field with an orange flagging with sample number.

## **7.0 INTERPRETATION**

### **SOIL SURVEY**

The soil survey was relatively flat with only a few contacts areas that ran anomalous in arsenic and antimony. There were two samples that ran above 50 ppb Au.

## **8.0 RECOMMENDATION**

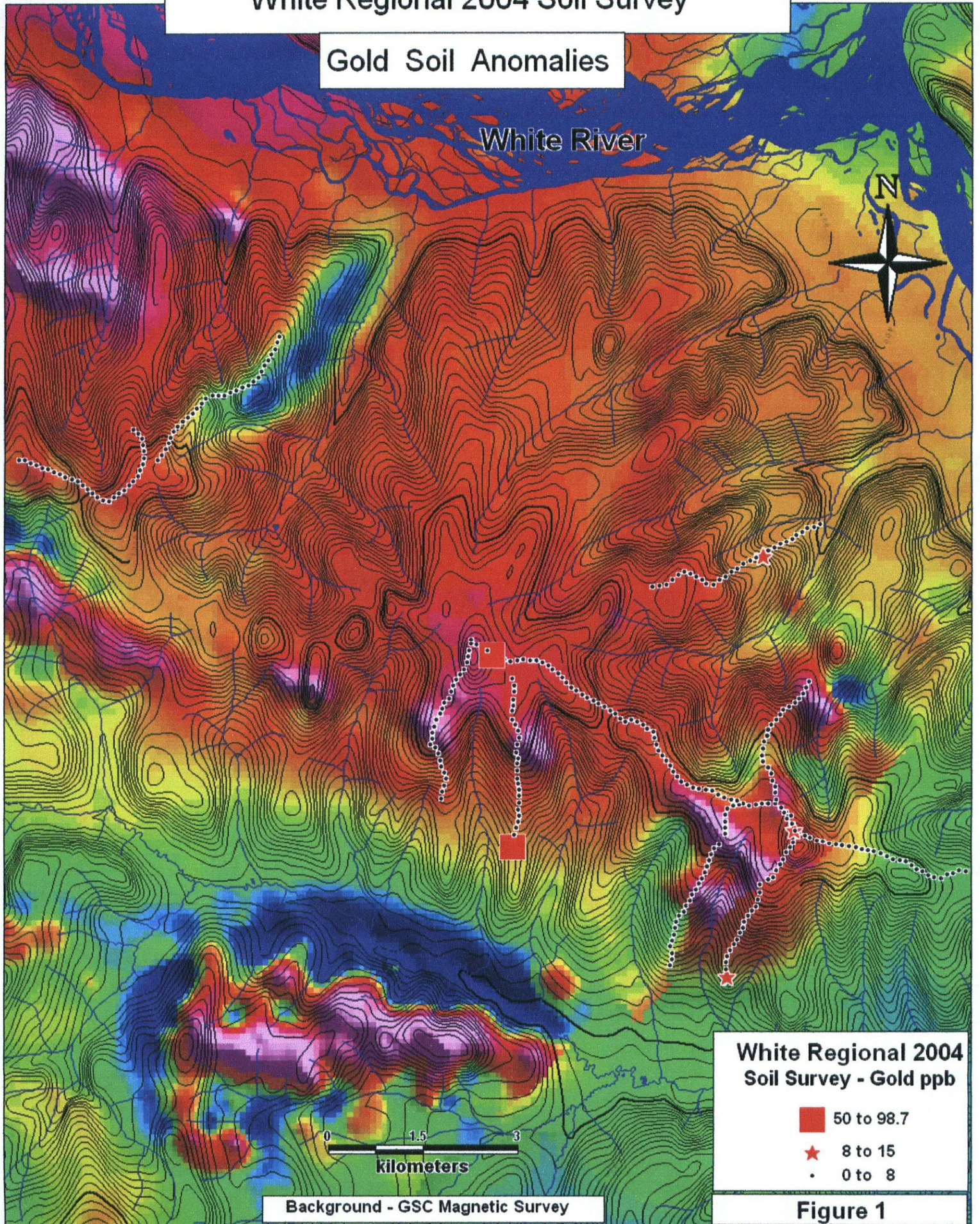
I would recommend follow up on the arsenic anomalies with detail soils on 25 meter station spacing. This may detect a larger mineralized system.



# White Regional 2004 Soil Survey

## Gold Soil Anomalies

White River



Background - GSC Magnetic Survey

White Regional 2004  
Soil Survey - Gold ppb

- Red Square: 50 to 98.7
- Red Star: 8 to 15
- Black Dot: 0 to 8

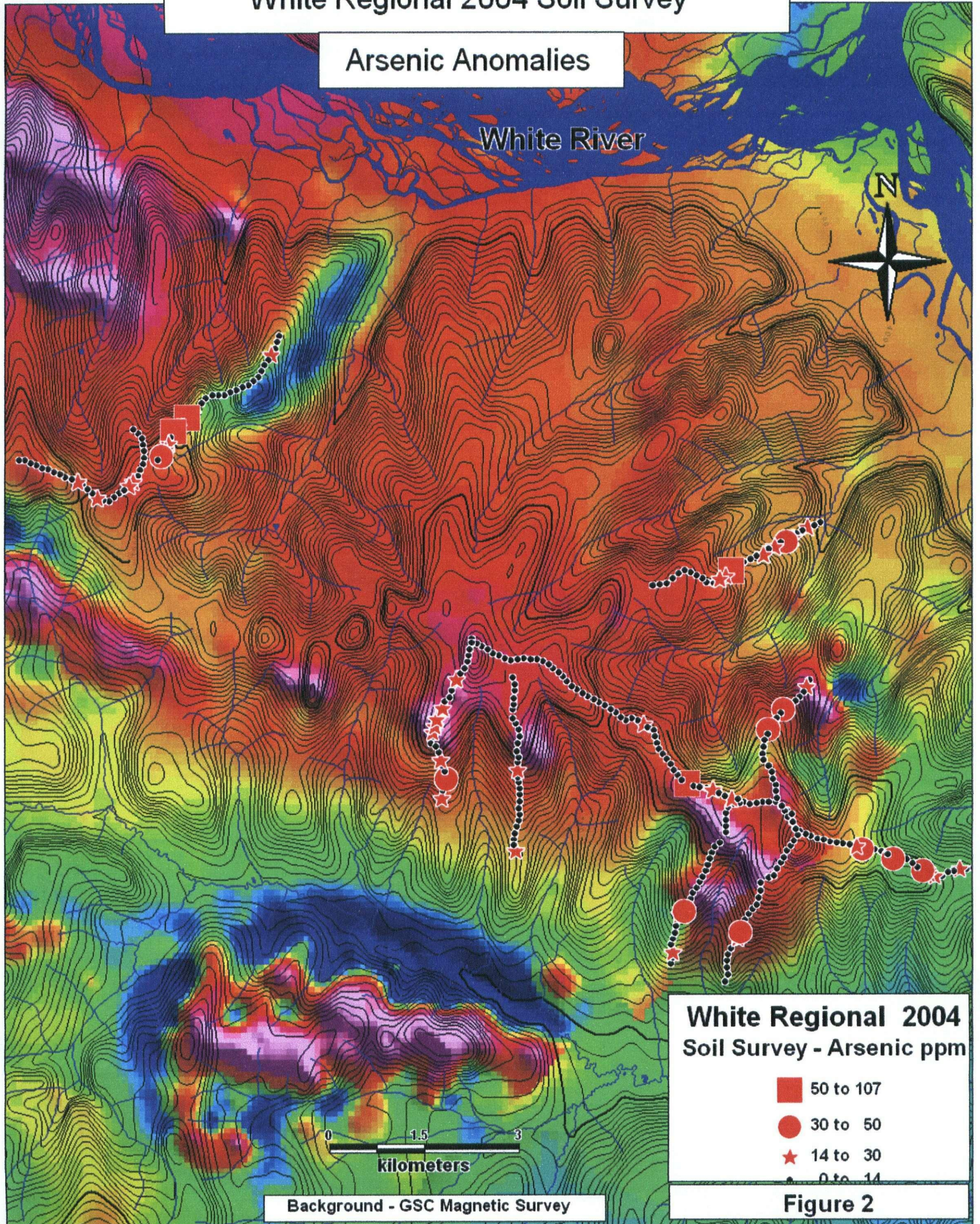
Figure 1



# White Regional 2004 Soil Survey

## Arsenic Anomalies

White River



**White Regional 2004  
Soil Survey - Arsenic ppm**

- 50 to 107
- 30 to 50
- ★ 14 to 30
- 0 to 14

Background - GSC Magnetic Survey

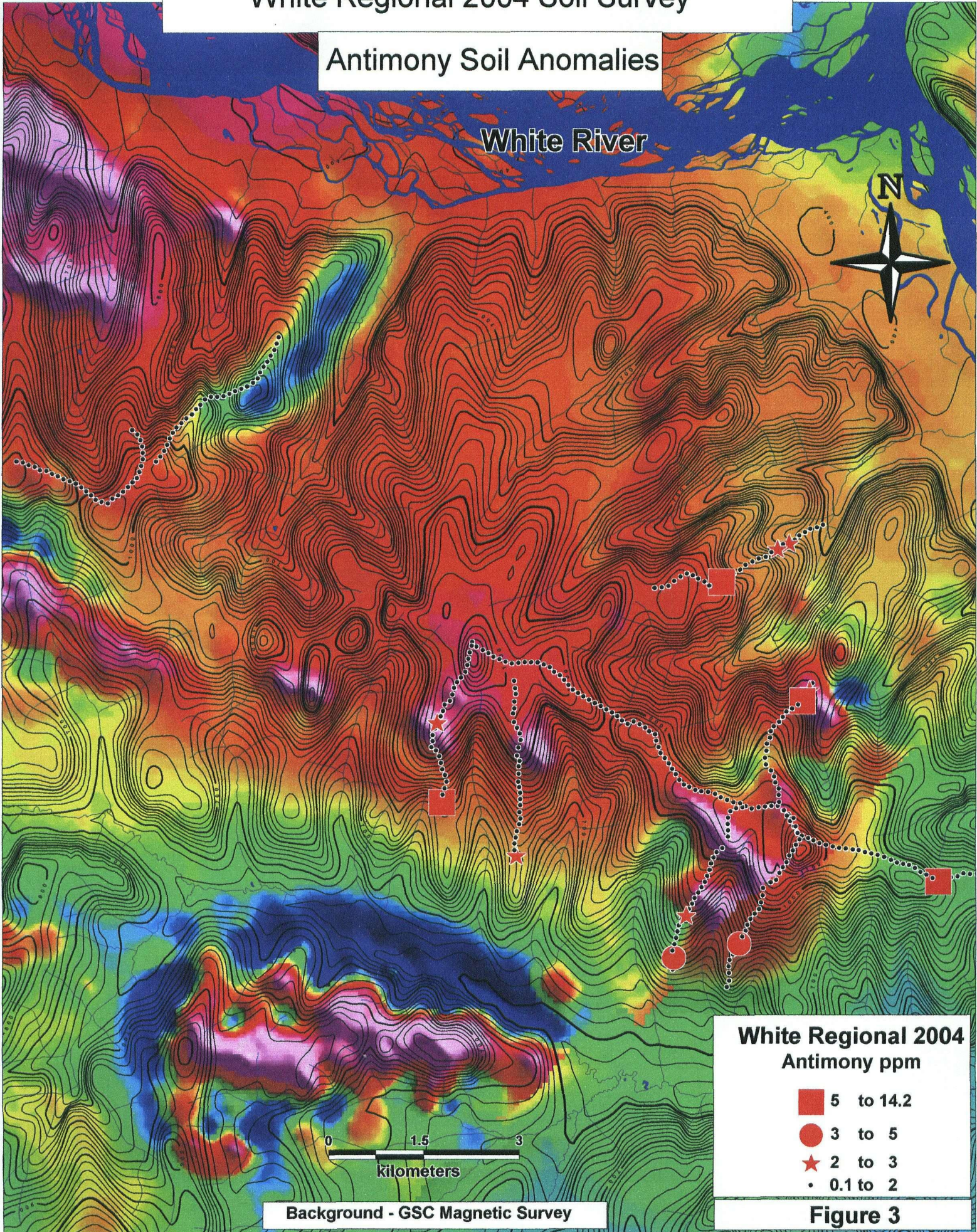
**Figure 2**



# White Regional 2004 Soil Survey

## Antimony Soil Anomalies

White River



**White Regional 2004  
Antimony ppm**

- 5 to 14.2
- 3 to 5
- ★ 2 to 3
- 0.1 to 2

0 1.5 3  
kilometers

Background - GSC Magnetic Survey

**Figure 3**



WRD-19	NAD83-7V	569175	6999275	16-OCT-04 12:54	785.2
WRD-20	NAD83-7V	569255	6999345	16-OCT-04 13:03	776.9
WRD-21	NAD83-7V	569351	6999405	16-OCT-04 13:11	742.5
WRD-22	NAD83-7V	569444	6999470	16-OCT-04 13:19	726
WRD-23	NAD83-7V	569536	6999493	16-OCT-04 13:27	695.9
WRD-24	NAD83-7V	569626	6999543	16-OCT-04 13:34	675.1
WRD-25	NAD83-7V	569701	6999607	16-OCT-04 13:42	649.8
WRD-26	NAD83-7V	569791	6999660	16-OCT-04 13:51	613.3
WRD-27	NAD83-7V	569872	6999715	16-OCT-04 13:59	573.6
WRD-28	NAD83-7V	569976	6999735	16-OCT-04 14:11	528.5
WRD-29	NAD83-7V	570071	6999777	16-OCT-04 14:21	504.4
WRF-01	NAD83-7V	559577	7000778	16-OCT-04 10:51	1132.9
WRF-02	NAD83-7V	559645	7000859	16-OCT-04 11:00	1129.3
WRF-03	NAD83-7V	559707	7000948	16-OCT-04 11:07	1120.7
WRF-04	NAD83-7V	559757	7001043	16-OCT-04 11:15	1107
WRF-05	NAD83-7V	559795	7001140	16-OCT-04 11:23	1096.4
WRF-06	NAD83-7V	559844	7001230	16-OCT-04 11:30	1083.6
WRF-07	NAD83-7V	559900	7001313	16-OCT-04 11:39	1049.7
WRF-08	NAD83-7V	559982	7001384	16-OCT-04 11:46	1036.9
WRF-09	NAD83-7V	560060	7001457	16-OCT-04 11:53	1014.4
WRF-10	NAD83-7V	560142	7001522	16-OCT-04 12:00	993.6
WRF-11	NAD83-7V	560205	7001602	16-OCT-04 12:08	987.2
WRF-12	NAD83-7V	560277	7001674	16-OCT-04 12:18	980.5
WRF-13	NAD83-7V	560347	7001755	16-OCT-04 12:27	977.5
WRF-14	NAD83-7V	560445	7001799	16-OCT-04 12:36	979.9
WRF-15	NAD83-7V	560546	7001799	16-OCT-04 12:44	955.9
WRF-16	NAD83-7V	560646	7001808	16-OCT-04 12:52	935.1
WRF-17	NAD83-7V	560740	7001846	16-OCT-04 13:01	925.1
WRF-18	NAD83-7V	560828	7001888	16-OCT-04 13:09	921.4
WRF-19	NAD83-7V	560926	7001927	16-OCT-04 13:20	940.9
WRF-20	NAD83-7V	561020	7001962	16-OCT-04 13:29	957.7
WRF-21	NAD83-7V	561106	7002018	16-OCT-04 13:45	983
WRF-22	NAD83-7V	561180	7002087	16-OCT-04 13:57	988.8
WRF-23	NAD83-7V	561219	7002184	16-OCT-04 14:05	967.1
WRF-24	NAD83-7V	561276	7002270	16-OCT-04 14:16	943.1
WRF-25	NAD83-7V	561335	7002350	16-OCT-04 14:25	915.6
WRF-26	NAD83-7V	561384	7002448	16-OCT-04 14:32	903.4
WRF-27	NAD83-7V	561441	7002535	16-OCT-04 14:39	876
WRF-28	NAD83-7V	561481	7002634	16-OCT-04 14:45	881.5
WRF-29	NAD83-7V	561514	7002737	16-OCT-04 14:53	905.9



GPS ID	Datum	Easting	Northing	Date	Elevation
RWE-01	NAD83-7V	557349	7000781	16-OCT-04 10:50	1153.7
RWE-02	NAD83-7V	557450	7000769	16-OCT-04 11:02	1159.5
RWE-03	NAD83-7V	557545	7000724	16-OCT-04 11:10	1151.2
RWE-04	NAD83-7V	557644	7000699	16-OCT-04 11:19	1135.1
RWE-05	NAD83-7V	557729	7000647	16-OCT-04 11:27	1108.3
RWE-06	NAD83-7V	557833	7000636	16-OCT-04 11:36	1098.8
RWE-07	NAD83-7V	557923	7000589	16-OCT-04 11:44	1081.4
RWE-08	NAD83-7V	558015	7000554	16-OCT-04 11:51	1069.8
RWE-09	NAD83-7V	558104	7000505	16-OCT-04 12:00	1068.9
RWE-10	NAD83-7V	558201	7000473	16-OCT-04 12:10	1075.9
RWE-11	NAD83-7V	558298	7000436	16-OCT-04 12:18	1073.8
RWE-12	NAD83-7V	558380	7000377	16-OCT-04 12:26	1068.6
RWE-13	NAD83-7V	558459	7000314	16-OCT-04 12:36	1064.7
RWE-14	NAD83-7V	558539	7000252	16-OCT-04 12:45	1073.8
RWE-15	NAD83-7V	558613	7000183	16-OCT-04 12:56	1086.3
RWE-16	NAD83-7V	558707	7000148	16-OCT-04 13:04	1102.2
RWE-17	NAD83-7V	558808	7000122	16-OCT-04 13:14	1114.3
RWE-18	NAD83-7V	558881	7000194	16-OCT-04 13:28	1100.3
RWE-19	NAD83-7V	558970	7000246	16-OCT-04 13:37	1091.8
RWE-20	NAD83-7V	559052	7000306	16-OCT-04 13:45	1073.8
RWE-21	NAD83-7V	559126	7000377	16-OCT-04 13:53	1072.9
RWE-22	NAD83-7V	559196	7000449	16-OCT-04 14:01	1084.8
RWE-23	NAD83-7V	559267	7000522	16-OCT-04 14:12	1082.3
RWE-24	NAD83-7V	559305	7000616	16-OCT-04 14:21	1090.3
RWE-25	NAD83-7V	559341	7000711	16-OCT-04 14:30	1097.6
RWE-26	NAD83-7V	559363	7000812	16-OCT-04 14:39	1099.7
RWE-27	NAD83-7V	559365	7000915	16-OCT-04 14:50	1096.4
RWE-28	NAD83-7V	559354	7001015	16-OCT-04 14:59	1078.7
RWE-29	NAD83-7V	559329	7001117	16-OCT-04 15:09	1059.5
RWE-30	NAD83-7V	559274	7001204	16-OCT-04 15:19	1038.8
RWE-31	NAD83-7V	559196	7001270	16-OCT-04 15:27	1013.2
WRD-01	NAD83-7V	567425	6998790	16-OCT-04 10:26	1021.1
WRD-02	NAD83-7V	567537	6998801	16-OCT-04 10:38	1032.7
WRD-03	NAD83-7V	567643	6998821	16-OCT-04 10:46	1042.4
WRD-04	NAD83-7V	567730	6998899	16-OCT-04 10:54	1043
WRD-05	NAD83-7V	567829	6998969	16-OCT-04 11:02	1045.8
WRD-06	NAD83-7V	567929	6999015	16-OCT-04 11:10	1044.5
WRD-07	NAD83-7V	568025	6998988	16-OCT-04 11:17	1024.4
WRD-08	NAD83-7V	568112	6998935	16-OCT-04 11:25	1013.5
WRD-09	NAD83-7V	568210	6998889	16-OCT-04 11:32	984.5
WRD-10	NAD83-7V	568282	6998825	16-OCT-04 11:39	973.8
WRD-11	NAD83-7V	568388	6998818	16-OCT-04 11:47	963.5
WRD-12	NAD83-7V	568476	6998896	16-OCT-04 11:55	945.2
WRD-13	NAD83-7V	568580	6998939	16-OCT-04 12:05	921.1
WRD-14	NAD83-7V	568670	6999015	16-OCT-04 12:15	907.4
WRD-15	NAD83-7V	568767	6999073	16-OCT-04 12:22	876.9
WRD-16	NAD83-7V	568854	6999146	16-OCT-04 12:29	855.6
WRD-17	NAD83-7V	568964	6999198	16-OCT-04 12:38	819.3
WRD-18	NAD83-7V	569060	6999244	16-OCT-04 12:45	803.8

RWE-26	NAD 83-7V	567737	6993190	28-SEP-04 15:10	738.5
RWE-25	NAD 83-7V	567763	6993288	28-SEP-04 15:02	770.5
RWE-24	NAD 83-7V	567783	6993388	28-SEP-04 14:54	786.1
RWE-23	NAD 83-7V	567803	6993486	28-SEP-04 14:46	789.7
RWE-22	NAD 83-7V	567848	6993577	28-SEP-04 14:38	807.7
RWE-21	NAD 83-7V	567923	6993647	28-SEP-04 14:23	828.4
RWE-20	NAD 83-7V	567963	6993740	28-SEP-04 14:13	857.7
RWE-19	NAD 83-7V	568018	6993825	28-SEP-04 14:04	897.6
RWE-18	NAD 83-7V	568053	6993917	28-SEP-04 13:55	937.6
RWE-17	NAD 83-7V	568111	6993998	28-SEP-04 13:46	971.4
RWE-16	NAD 83-7V	568165	6994085	28-SEP-04 13:39	982.7
RWE-15	NAD 83-7V	568218	6994170	28-SEP-04 13:28	999.1
RWE-14	NAD 83-7V	568258	6994264	28-SEP-04 13:20	999.4
RWE-13	NAD 83-7V	568295	6994359	28-SEP-04 13:12	1006.4
RWE-12	NAD 83-7V	568318	6994456	28-SEP-04 13:05	1018
RWE-11	NAD 83-7V	568351	6994551	28-SEP-04 12:58	1023.8
RWE-10	NAD 83-7V	568402	6994638	28-SEP-04 12:51	1043.9
RWE-09	NAD 83-7V	568487	6994699	28-SEP-04 12:44	1061.3
RWE-07	NAD 83-7V	568581	6994876	28-SEP-04 12:31	1070.5
RWE-06	NAD 83-7V	568577	6994976	28-SEP-04 12:23	1070.2
RWE-05	NAD 83-7V	568571	6995076	28-SEP-04 12:14	1080.5
RWE-04	NAD 83-7V	568578	6995180	28-SEP-04 12:07	1088.4
RWE-03	NAD 83-7V	568613	6995279	28-SEP-04 11:59	1110.4
RWE-02	NAD 83-7V	568704	6995324	28-SEP-04 11:52	1135.7
RWE-01	NAD 83-7V	568803	6995342	28-SEP-04 11:40	1157.9
RWD-27	NAD 83-7V	569907	6997287	25-SEP-04 17:13	902.2
RWD-26	NAD 83-7V	569859	6997191	25-SEP-04 17:06	888.8
RWD-25	NAD 83-7V	569809	6997100	25-SEP-04 16:58	887.9
RWD-24	NAD 83-7V	569748	6997018	25-SEP-04 16:50	912.6
RWD-23	NAD 83-7V	569679	6996950	25-SEP-04 16:42	938.8
RWD-22	NAD 83-7V	569586	6996890	25-SEP-04 16:31	971.4
RWD-21	NAD 83-7V	569492	6996839	25-SEP-04 16:22	1003.4
RWD-20	NAD 83-7V	569437	6996758	25-SEP-04 16:13	1020.8
RWD-19	NAD 83-7V	569378	6996680	25-SEP-04 16:02	1046.4
RWD-18	NAD 83-7V	569294	6996608	25-SEP-04 15:51	1031.4
RWD-17	NAD 83-7V	569247	6996530	25-SEP-04 15:42	1040.6
RWD-16	NAD 83-7V	569234	6996429	25-SEP-04 15:30	1039.7
RWD-15	NAD 83-7V	569187	6996338	25-SEP-04 15:22	1049.7
RWD-14	NAD 83-7V	569181	6996225	25-SEP-04 15:12	1054.3
RWD-13	NAD 83-7V	569161	6996117	25-SEP-04 15:03	1061
RWD-12	NAD 83-7V	569177	6996012	25-SEP-04 14:53	1072.9
RWD-11	NAD 83-7V	569250	6995916	25-SEP-04 14:39	1094.2
RWD-10	NAD 83-7V	569297	6995821	25-SEP-04 14:30	1119.2
RWD-09	NAD 83-7V	569320	6995725	25-SEP-04 14:23	1150.3
RWD-08	NAD 83-7V	569371	6995630	25-SEP-04 14:12	1178.4
RWD-07	NAD 83-7V	569371	6995529	25-SEP-04 14:04	1203.7
RWD-06	NAD 83-7V	569377	6995419	25-SEP-04 13:54	1210.4
RWD-05	NAD 83-7V	569455	6995287	25-SEP-04 13:44	1191.5
RWD-04	NAD 83-7V	569531	6995224	25-SEP-04 13:35	1193.6
RWD-03	NAD 83-7V	569610	6995167	25-SEP-04 13:28	1199.1



GPS ID	Datum	Easting	Northing	Date	Elevation
RWE-01	NAD83-7V	557349	7000781	16-OCT-04 10:50	1153.7
RWE-02	NAD83-7V	557450	7000769	16-OCT-04 11:02	1159.5
RWE-03	NAD83-7V	557545	7000724	16-OCT-04 11:10	1151.2
RWE-04	NAD83-7V	557644	7000699	16-OCT-04 11:19	1135.1
RWE-05	NAD83-7V	557729	7000647	16-OCT-04 11:27	1108.3
RWE-06	NAD83-7V	557833	7000636	16-OCT-04 11:36	1098.8
RWE-07	NAD83-7V	557923	7000589	16-OCT-04 11:44	1081.4
RWE-08	NAD83-7V	558015	7000554	16-OCT-04 11:51	1069.8
RWE-09	NAD83-7V	558104	7000505	16-OCT-04 12:00	1068.9
RWE-10	NAD83-7V	558201	7000473	16-OCT-04 12:10	1075.9
RWE-11	NAD83-7V	558298	7000436	16-OCT-04 12:18	1073.8
RWE-12	NAD83-7V	558380	7000377	16-OCT-04 12:26	1068.6
RWE-13	NAD83-7V	558459	7000314	16-OCT-04 12:36	1064.7
RWE-14	NAD83-7V	558539	7000252	16-OCT-04 12:45	1073.8
RWE-15	NAD83-7V	558613	7000183	16-OCT-04 12:56	1086.3
RWE-16	NAD83-7V	558707	7000148	16-OCT-04 13:04	1102.2
RWE-17	NAD83-7V	558808	7000122	16-OCT-04 13:14	1114.3
RWE-18	NAD83-7V	558881	7000194	16-OCT-04 13:28	1100.3
RWE-19	NAD83-7V	558970	7000246	16-OCT-04 13:37	1091.8
RWE-20	NAD83-7V	559052	7000306	16-OCT-04 13:45	1073.8
RWE-21	NAD83-7V	559126	7000377	16-OCT-04 13:53	1072.9
RWE-22	NAD83-7V	559196	7000449	16-OCT-04 14:01	1084.8
RWE-23	NAD83-7V	559267	7000522	16-OCT-04 14:12	1082.3
RWE-24	NAD83-7V	559305	7000616	16-OCT-04 14:21	1090.3
RWE-25	NAD83-7V	559341	7000711	16-OCT-04 14:30	1097.6
RWE-26	NAD83-7V	559363	7000812	16-OCT-04 14:39	1099.7
RWE-27	NAD83-7V	559365	7000915	16-OCT-04 14:50	1096.4
RWE-28	NAD83-7V	559354	7001015	16-OCT-04 14:59	1078.7
RWE-29	NAD83-7V	559329	7001117	16-OCT-04 15:09	1059.5
RWE-30	NAD83-7V	559274	7001204	16-OCT-04 15:19	1038.8
RWE-31	NAD83-7V	559196	7001270	16-OCT-04 15:27	1013.2
WRD-01	NAD83-7V	567425	6998790	16-OCT-04 10:26	1021.1
WRD-02	NAD83-7V	567537	6998801	16-OCT-04 10:38	1032.7
WRD-03	NAD83-7V	567643	6998821	16-OCT-04 10:46	1042.4
WRD-04	NAD83-7V	567730	6998899	16-OCT-04 10:54	1043
WRD-05	NAD83-7V	567829	6998969	16-OCT-04 11:02	1045.8
WRD-06	NAD83-7V	567929	6999015	16-OCT-04 11:10	1044.5
WRD-07	NAD83-7V	568025	6998988	16-OCT-04 11:17	1024.4
WRD-08	NAD83-7V	568112	6998935	16-OCT-04 11:25	1013.5
WRD-09	NAD83-7V	568210	6998889	16-OCT-04 11:32	984.5
WRD-10	NAD83-7V	568282	6998825	16-OCT-04 11:39	973.8
WRD-11	NAD83-7V	568388	6998818	16-OCT-04 11:47	963.5
WRD-12	NAD83-7V	568476	6998896	16-OCT-04 11:55	945.2
WRD-13	NAD83-7V	568580	6998939	16-OCT-04 12:05	921.1
WRD-14	NAD83-7V	568670	6999015	16-OCT-04 12:15	907.4
WRD-15	NAD83-7V	568767	6999073	16-OCT-04 12:22	876.9
WRD-16	NAD83-7V	568854	6999146	16-OCT-04 12:29	855.6
WRD-17	NAD83-7V	568964	6999198	16-OCT-04 12:38	819.3
WRD-18	NAD83-7V	569060	6999244	16-OCT-04 12:45	803.8

WRD-19	NAD83-7V	569175	6999275	16-OCT-04 12:54	785.2
WRD-20	NAD83-7V	569255	6999345	16-OCT-04 13:03	776.9
WRD-21	NAD83-7V	569351	6999405	16-OCT-04 13:11	742.5
WRD-22	NAD83-7V	569444	6999470	16-OCT-04 13:19	726
WRD-23	NAD83-7V	569536	6999493	16-OCT-04 13:27	695.9
WRD-24	NAD83-7V	569626	6999543	16-OCT-04 13:34	675.1
WRD-25	NAD83-7V	569701	6999607	16-OCT-04 13:42	649.8
WRD-26	NAD83-7V	569791	6999660	16-OCT-04 13:51	613.3
WRD-27	NAD83-7V	569872	6999715	16-OCT-04 13:59	573.6
WRD-28	NAD83-7V	569976	6999735	16-OCT-04 14:11	528.5
WRD-29	NAD83-7V	570071	6999777	16-OCT-04 14:21	504.4
WRF-01	NAD83-7V	559577	7000778	16-OCT-04 10:51	1132.9
WRF-02	NAD83-7V	559645	7000859	16-OCT-04 11:00	1129.3
WRF-03	NAD83-7V	559707	7000948	16-OCT-04 11:07	1120.7
WRF-04	NAD83-7V	559757	7001043	16-OCT-04 11:15	1107
WRF-05	NAD83-7V	559795	7001140	16-OCT-04 11:23	1096.4
WRF-06	NAD83-7V	559844	7001230	16-OCT-04 11:30	1083.6
WRF-07	NAD83-7V	559900	7001313	16-OCT-04 11:39	1049.7
WRF-08	NAD83-7V	559982	7001384	16-OCT-04 11:46	1036.9
WRF-09	NAD83-7V	560060	7001457	16-OCT-04 11:53	1014.4
WRF-10	NAD83-7V	560142	7001522	16-OCT-04 12:00	993.6
WRF-11	NAD83-7V	560205	7001602	16-OCT-04 12:08	987.2
WRF-12	NAD83-7V	560277	7001674	16-OCT-04 12:18	980.5
WRF-13	NAD83-7V	560347	7001755	16-OCT-04 12:27	977.5
WRF-14	NAD83-7V	560445	7001799	16-OCT-04 12:36	979.9
WRF-15	NAD83-7V	560546	7001799	16-OCT-04 12:44	955.9
WRF-16	NAD83-7V	560646	7001808	16-OCT-04 12:52	935.1
WRF-17	NAD83-7V	560740	7001846	16-OCT-04 13:01	925.1
WRF-18	NAD83-7V	560828	7001888	16-OCT-04 13:09	921.4
WRF-19	NAD83-7V	560926	7001927	16-OCT-04 13:20	940.9
WRF-20	NAD83-7V	561020	7001962	16-OCT-04 13:29	957.7
WRF-21	NAD83-7V	561106	7002018	16-OCT-04 13:45	983
WRF-22	NAD83-7V	561180	7002087	16-OCT-04 13:57	988.8
WRF-23	NAD83-7V	561219	7002184	16-OCT-04 14:05	967.1
WRF-24	NAD83-7V	561276	7002270	16-OCT-04 14:16	943.1
WRF-25	NAD83-7V	561335	7002350	16-OCT-04 14:25	915.6
WRF-26	NAD83-7V	561384	7002448	16-OCT-04 14:32	903.4
WRF-27	NAD83-7V	561441	7002535	16-OCT-04 14:39	876
WRF-28	NAD83-7V	561481	7002634	16-OCT-04 14:45	881.5
WRF-29	NAD83-7V	561514	7002737	16-OCT-04 14:53	905.9



GPS ID	Datum	Easting	Northing	Date / Time	Elevation
WRC-32	NAD 83-7V	567278	6996595	12-OCT-04 15:27	1078.1
WRC-31	NAD 83-7V	567191	6996644	12-OCT-04 15:19	1095.8
WRC-30	NAD 83-7V	567096	6996687	12-OCT-04 15:10	1105.5
WRC-29	NAD 83-7V	566999	6996653	12-OCT-04 15:02	1106.1
WRC-28	NAD 83-7V	566912	6996704	12-OCT-04 14:53	1090.9
WRC-27	NAD 83-7V	566836	6996773	12-OCT-04 14:44	1079.3
WRC-26	NAD 83-7V	566752	6996829	12-OCT-04 14:34	1069.5
WRC-25	NAD 83-7V	566663	6996880	12-OCT-04 14:24	1065.9
WRC-24	NAD 83-7V	566574	6996930	12-OCT-04 14:16	1069.2
WRC-23	NAD 83-7V	566484	6996978	12-OCT-04 14:08	1084.5
WRC-22	NAD 83-7V	566397	6997031	12-OCT-04 14:00	1095.5
WRC-21	NAD 83-7V	566307	6997081	12-OCT-04 13:51	1118.3
WRC-20	NAD 83-7V	566220	6997134	12-OCT-04 13:42	1121.7
WRC-19	NAD 83-7V	566136	6997189	12-OCT-04 13:31	1118
WRC-18	NAD 83-7V	566067	6997264	12-OCT-04 13:22	1106.7
WRC-17	NAD 83-7V	565998	6997339	12-OCT-04 13:14	1117.1
WRC-16	NAD 83-7V	565932	6997413	12-OCT-04 13:05	1132.9
WRC-15	NAD 83-7V	565845	6997467	12-OCT-04 12:56	1143.9
WRC-14	NAD 83-7V	565777	6997540	12-OCT-04 12:48	1161.3
WRC-13	NAD 83-7V	565686	6997583	12-OCT-04 12:40	1164.3
WRC-12	NAD 83-7V	565590	6997613	12-OCT-04 12:33	1171
WRC-11	NAD 83-7V	565489	6997621	12-OCT-04 12:25	1177.1
WRC-10	NAD 83-7V	565389	6997623	12-OCT-04 12:17	1190.2
WRC-09	NAD 83-7V	565288	6997615	12-OCT-04 12:08	1209.8
WRC-08	NAD 83-7V	565185	6997605	12-OCT-04 12:01	1225.9
WRC-07	NAD 83-7V	565086	6997632	12-OCT-04 11:50	1228.3
WRC-06	NAD 83-7V	564992	6997672	12-OCT-04 11:43	1219.8
WRC-05	NAD 83-7V	564897	6997710	12-OCT-04 11:36	1216.2
WRC-04	NAD 83-7V	564815	6997768	12-OCT-04 11:22	1216.8
WRC-03	NAD 83-7V	564725	6997814	12-OCT-04 11:14	1220.4
WRC-02	NAD 83-7V	564634	6997866	12-OCT-04 11:05	1222.9
WRC-01	NAD 83-7V	564564	6997940		0
WRB-31	NAD 83-7V	567342	6996538	12-OCT-04 15:41	1080.5
WRB-30	NAD 83-7V	567431	6996489	12-OCT-04 15:29	1062.5
WRB-29	NAD 83-7V	567447	6996390	12-OCT-04 15:17	1047.9
WRB-28	NAD 83-7V	567485	6996288	12-OCT-04 15:07	1049.7
WRB-27	NAD 83-7V	567517	6996193	12-OCT-04 14:58	1052.2
WRB-26	NAD 83-7V	567585	6996116	12-OCT-04 14:46	1048.8
WRB-25	NAD 83-7V	567647	6996032	12-OCT-04 14:37	1050.6
WRB-24	NAD 83-7V	567701	6995949	12-OCT-04 14:28	1055.5
WRB-23	NAD 83-7V	567758	6995861	12-OCT-04 14:20	1068.3
WRB-22	NAD 83-7V	567817	6995775	12-OCT-04 14:11	1087.2
WRB-21	NAD 83-7V	567887	6995700	12-OCT-04 14:00	1093
WRB-20	NAD 83-7V	567976	6995661	12-OCT-04 13:51	1098.8
WRB-19	NAD 83-7V	568068	6995614	12-OCT-04 13:42	1101.9
WRB-18	NAD 83-7V	568165	6995596	12-OCT-04 13:32	1096.1
WRB-17	NAD 83-7V	568268	6995583	12-OCT-04 13:22	1097.3
WRB-16	NAD 83-7V	568374	6995553	12-OCT-04 13:13	1106.1
WRB-15	NAD 83-7V	568464	6995501	12-OCT-04 13:03	1112.2

WRB-14	NAD 83-7V	568565	6995455	12-OCT-04 12:54	1127.2
WRB-13	NAD 83-7V	568663	6995420	12-OCT-04 12:43	1128.7
WRB-12	NAD 83-7V	568767	6995403	12-OCT-04 12:33	1139.3
WRB-11	NAD 83-7V	568860	6995357	12-OCT-04 12:23	1163.1
WRB-10	NAD 83-7V	568951	6995316	12-OCT-04 12:11	1158.2
WRB-09	NAD 83-7V	569060	6995334	12-OCT-04 12:04	1161.3
WRB-08	NAD 83-7V	569162	6995349	12-OCT-04 11:57	1175.9
WRB-07	NAD 83-7V	569256	6995356	12-OCT-04 11:49	1196.9
WRB-06	NAD 83-7V	569357	6995355	12-OCT-04 11:36	1204
WRB-05	NAD 83-7V	569440	6995290	12-OCT-04 11:27	1189.9
WRB-04	NAD 83-7V	569502	6995204	12-OCT-04 11:17	1188.4
WRB-03	NAD 83-7V	569558	6995119	12-OCT-04 11:09	1196.3
WRB-02	NAD 83-7V	569614	6995037	12-OCT-04 11:01	1202.1
WRB-01	NAD 83-7V	569661	6994949	12-OCT-04 10:54	1209.1
WRA-32	NAD 83-7V	572802	6994232	12-OCT-04 15:18	998.2
WRA-31	NAD 83-7V	572701	6994269	12-OCT-04 15:08	989.7
WRA-30	NAD 83-7V	572608	6994274	12-OCT-04 15:00	985.1
WRA-29	NAD 83-7V	572510	6994291	12-OCT-04 14:52	995.8
WRA-28	NAD 83-7V	572398	6994283	12-OCT-04 14:44	1012.9
WRA-27	NAD 83-7V	572295	6994293	12-OCT-04 14:36	1026
WRA-26	NAD 83-7V	572198	6994254	12-OCT-04 14:28	1029.3
WRA-25	NAD 83-7V	572094	6994235	12-OCT-04 14:16	1043.9
WRA-24	NAD 83-7V	572010	6994175	12-OCT-04 14:07	1043.6
WRA-23	NAD 83-7V	571896	6994179	12-OCT-04 13:58	1050.6
WRA-22	NAD 83-7V	571803	6994223	12-OCT-04 13:50	1051.9
WRA-21	NAD 83-7V	571703	6994279	12-OCT-04 13:42	1061.6
WRA-20	NAD 83-7V	571609	6994318	12-OCT-04 13:35	1069.2
WRA-19	NAD 83-7V	571525	6994382	12-OCT-04 13:27	1071.1
WRA-18	NAD 83-7V	571432	6994430	12-OCT-04 13:21	1081.7
WRA-17	NAD 83-7V	571338	6994447	12-OCT-04 13:14	1075.9
WRA-16	NAD 83-7V	571237	6994468	12-OCT-04 13:07	1063.1
WRA-15	NAD 83-7V	571139	6994511	12-OCT-04 13:00	1059.5
WRA-14	NAD 83-7V	571037	6994557	12-OCT-04 12:53	1053.7
WRA-13	NAD 83-7V	570935	6994589	12-OCT-04 12:44	1055.5
WRA-12	NAD 83-7V	570837	6994608	12-OCT-04 12:37	1072.6
WRA-11	NAD 83-7V	570738	6994632	12-OCT-04 12:26	1087.8
WRA-10	NAD 83-7V	570638	6994660	12-OCT-04 12:18	1097.6
WRA-09	NAD 83-7V	570539	6994675	12-OCT-04 12:09	1104.3
WRA-08	NAD 83-7V	570431	6994687	12-OCT-04 12:01	1107.9
WRA-07	NAD 83-7V	570327	6994700	12-OCT-04 11:50	1121.1
WRA-06	NAD 83-7V	570223	6994720	12-OCT-04 11:42	1146
WRA-05	NAD 83-7V	570119	6994747	12-OCT-04 11:33	1139.6
WRA-04	NAD 83-7V	570022	6994774	12-OCT-04 11:26	1149.1
WRA-03	NAD 83-7V	569924	6994816	12-OCT-04 11:18	1186.3
WRA-02	NAD 83-7V	569843	6994850	12-OCT-04 11:09	1223.5
WRA-01	NAD 83-7V	569739	6994889	12-OCT-04 10:59	1222.9
RWE-30	NAD 83-7V	567710	6992790	28-SEP-04 15:55	615.1
RWE-29	NAD 83-7V	567730	6992888	28-SEP-04 15:44	634.3
RWE-28	NAD 83-7V	567733	6992990	28-SEP-04 15:27	672.4
RWE-27	NAD 83-7V	567707	6993090	28-SEP-04 15:19	707.7



RWE-26	NAD 83-7V	567737	6993190	28-SEP-04 15:10	738.5
RWE-25	NAD 83-7V	567763	6993288	28-SEP-04 15:02	770.5
RWE-24	NAD 83-7V	567783	6993388	28-SEP-04 14:54	786.1
RWE-23	NAD 83-7V	567803	6993486	28-SEP-04 14:46	789.7
RWE-22	NAD 83-7V	567848	6993577	28-SEP-04 14:38	807.7
RWE-21	NAD 83-7V	567923	6993647	28-SEP-04 14:23	828.4
RWE-20	NAD 83-7V	567963	6993740	28-SEP-04 14:13	857.7
RWE-19	NAD 83-7V	568018	6993825	28-SEP-04 14:04	897.6
RWE-18	NAD 83-7V	568053	6993917	28-SEP-04 13:55	937.6
RWE-17	NAD 83-7V	568111	6993998	28-SEP-04 13:46	971.4
RWE-16	NAD 83-7V	568165	6994085	28-SEP-04 13:39	982.7
RWE-15	NAD 83-7V	568218	6994170	28-SEP-04 13:28	999.1
RWE-14	NAD 83-7V	568258	6994264	28-SEP-04 13:20	999.4
RWE-13	NAD 83-7V	568295	6994359	28-SEP-04 13:12	1006.4
RWE-12	NAD 83-7V	568318	6994456	28-SEP-04 13:05	1018
RWE-11	NAD 83-7V	568351	6994551	28-SEP-04 12:58	1023.8
RWE-10	NAD 83-7V	568402	6994638	28-SEP-04 12:51	1043.9
RWE-09	NAD 83-7V	568487	6994699	28-SEP-04 12:44	1061.3
RWE-07	NAD 83-7V	568581	6994876	28-SEP-04 12:31	1070.5
RWE-06	NAD 83-7V	568577	6994976	28-SEP-04 12:23	1070.2
RWE-05	NAD 83-7V	568571	6995076	28-SEP-04 12:14	1080.5
RWE-04	NAD 83-7V	568578	6995180	28-SEP-04 12:07	1088.4
RWE-03	NAD 83-7V	568613	6995279	28-SEP-04 11:59	1110.4
RWE-02	NAD 83-7V	568704	6995324	28-SEP-04 11:52	1135.7
RWE-01	NAD 83-7V	568803	6995342	28-SEP-04 11:40	1157.9
RWD-27	NAD 83-7V	569907	6997287	25-SEP-04 17:13	902.2
RWD-26	NAD 83-7V	569859	6997191	25-SEP-04 17:06	888.8
RWD-25	NAD 83-7V	569809	6997100	25-SEP-04 16:58	887.9
RWD-24	NAD 83-7V	569748	6997018	25-SEP-04 16:50	912.6
RWD-23	NAD 83-7V	569679	6996950	25-SEP-04 16:42	938.8
RWD-22	NAD 83-7V	569586	6996890	25-SEP-04 16:31	971.4
RWD-21	NAD 83-7V	569492	6996839	25-SEP-04 16:22	1003.4
RWD-20	NAD 83-7V	569437	6996758	25-SEP-04 16:13	1020.8
RWD-19	NAD 83-7V	569378	6996680	25-SEP-04 16:02	1046.4
RWD-18	NAD 83-7V	569294	6996608	25-SEP-04 15:51	1031.4
RWD-17	NAD 83-7V	569247	6996530	25-SEP-04 15:42	1040.6
RWD-16	NAD 83-7V	569234	6996429	25-SEP-04 15:30	1039.7
RWD-15	NAD 83-7V	569187	6996338	25-SEP-04 15:22	1049.7
RWD-14	NAD 83-7V	569181	6996225	25-SEP-04 15:12	1054.3
RWD-13	NAD 83-7V	569161	6996117	25-SEP-04 15:03	1061
RWD-12	NAD 83-7V	569177	6996012	25-SEP-04 14:53	1072.9
RWD-11	NAD 83-7V	569250	6995916	25-SEP-04 14:39	1094.2
RWD-10	NAD 83-7V	569297	6995821	25-SEP-04 14:30	1119.2
RWD-09	NAD 83-7V	569320	6995725	25-SEP-04 14:23	1150.3
RWD-08	NAD 83-7V	569371	6995630	25-SEP-04 14:12	1178.4
RWD-07	NAD 83-7V	569371	6995529	25-SEP-04 14:04	1203.7
RWD-06	NAD 83-7V	569377	6995419	25-SEP-04 13:54	1210.4
RWD-05	NAD 83-7V	569455	6995287	25-SEP-04 13:44	1191.5
RWD-04	NAD 83-7V	569531	6995224	25-SEP-04 13:35	1193.6
RWD-03	NAD 83-7V	569610	6995167	25-SEP-04 13:28	1199.1

RWD-02	NAD 83-7V	569640	6995038	25-SEP-04 13:19	1201.8
RWD-01	NAD 83-7V	569675	6994929	25-SEP-04 13:06	1208.8
RWC-26	NAD 83-7V	568563	6992514	28-SEP-04 15:56	620
RWC-25	NAD 83-7V	568600	6992615	28-SEP-04 15:47	641.9
RWC-24	NAD 83-7V	568596	6992736	28-SEP-04 15:32	685.2
RWC-23	NAD 83-7V	568589	6992841	28-SEP-04 15:22	714.1
RWC-22	NAD 83-7V	568607	6992940	28-SEP-04 15:12	759.9
RWC-21	NAD 83-7V	568660	6993028	28-SEP-04 15:01	768.7
RWC-20	NAD 83-7V	568718	6993122	28-SEP-04 14:52	751.9
RWC-19	NAD 83-7V	568760	6993212	28-SEP-04 14:43	763.5
RWC-18	NAD 83-7V	568807	6993308	28-SEP-04 14:34	767.2
RWC-17	NAD 83-7V	568857	6993398	28-SEP-04 14:24	820.8
RWC-16	NAD 83-7V	568882	6993496	28-SEP-04 14:12	866.2
RWC-15	NAD 83-7V	568931	6993584	28-SEP-04 13:57	895.2
RWC-14	NAD 83-7V	569002	6993660	28-SEP-04 13:45	929.6
RWC-13	NAD 83-7V	569066	6993734	28-SEP-04 13:36	955.5
RWC-12	NAD 83-7V	569101	6993840	28-SEP-04 13:26	965.6
RWC-11	NAD 83-7V	569124	6993950	28-SEP-04 13:18	990.9
RWC-10	NAD 83-7V	569129	6994066	28-SEP-04 13:09	1013.5
RWC-09	NAD 83-7V	569249	6994159	28-SEP-04 12:53	1097.9
RWC-08	NAD 83-7V	569333	6994192	28-SEP-04 12:43	1121.1
RWC-07	NAD 83-7V	569388	6994302	28-SEP-04 12:30	1119.8
RWC-06	NAD 83-7V	569444	6994396	28-SEP-04 12:19	1133.9
RWC-05	NAD 83-7V	569498	6994474	28-SEP-04 12:10	1156.4
RWC-04	NAD 83-7V	569539	6994577	28-SEP-04 12:00	1181.7
RWC-03	NAD 83-7V	569599	6994655	28-SEP-04 11:49	1196.3
RWC-02	NAD 83-7V	569646	6994745	28-SEP-04 11:39	1212.5
RWC-01	NAD 83-7V	569706	6994831	28-SEP-04 11:28	1229.3
RWB-28	NAD 83-7V	565252	6994589	28-SEP-04 15:44	762
RWB-27	NAD 83-7V	565228	6994668	28-SEP-04 15:37	759.3
RWB-26	NAD 83-7V	565229	6994772	28-SEP-04 15:28	763.2
RWB-25	NAD 83-7V	565247	6994865	28-SEP-04 15:18	759
RWB-24	NAD 83-7V	565266	6994967	28-SEP-04 14:57	764.7
RWB-23	NAD 83-7V	565303	6995077	28-SEP-04 14:49	783.9
RWB-22	NAD 83-7V	565324	6995168	28-SEP-04 14:45	804.4
RWB-21	NAD 83-7V	565308	6995267	28-SEP-04 14:33	824.8
RWB-20	NAD 83-7V	565316	6995377	28-SEP-04 14:24	845.2
RWB-19	NAD 83-7V	565314	6995474	28-SEP-04 14:18	857.4
RWB-18	NAD 83-7V	565315	6995572	28-SEP-04 14:06	880.9
RWB-17	NAD 83-7V	565302	6995663	28-SEP-04 13:59	894.3
RWB-16	NAD 83-7V	565284	6995747	28-SEP-04 13:56	911
RWB-15	NAD 83-7V	565288	6995874	28-SEP-04 13:40	944.3
RWB-14	NAD 83-7V	565291	6995987	28-SEP-04 13:27	970.8
RWB-13	NAD 83-7V	565308	6996072	28-SEP-04 13:18	1018.9
RWB-12	NAD 83-7V	565266	6996155	28-SEP-04 13:08	1033.6
RWB-11	NAD 83-7V	565285	6996283	28-SEP-04 13:04	1055.8
RWB-10	NAD 83-7V	565322	6996405	28-SEP-04 12:55	1087.2
RWB-09	NAD 83-7V	565307	6996504	28-SEP-04 12:40	1105.5
RWB-08	NAD 83-7V	565263	6996596	28-SEP-04 12:36	1093.3
RWB-07	NAD 83-7V	565215	6996683	28-SEP-04 12:22	1102.2



RWB-06	NAD 83-7V	565203	6996821	28-SEP-04 12:09	1117.1
RWB-05	NAD 83-7V	565224	6996901	28-SEP-04 12:00	1117.7
RWB-04	NAD 83-7V	565222	6997003	28-SEP-04 11:56	1117.1
RWB-03	NAD 83-7V	565241	6997126	28-SEP-04 11:39	1136.9
RWB-02	NAD 83-7V	565234	6997216	28-SEP-04 11:30	1151.2
RWB-01	NAD 83-7V	565214	6997333	28-SEP-04 11:23	1185.7
RWA-27	NAD 83-7V	564086	6995431	28-SEP-04 16:00	807.1
RWA-26	NAD 83-7V	564096	6995542	28-SEP-04 15:51	821.4
RWA-25	NAD 83-7V	564127	6995641	28-SEP-04 15:43	855.3
RWA-24	NAD 83-7V	564159	6995744	28-SEP-04 15:20	882.7
RWA-23	NAD 83-7V	564133	6995850	28-SEP-04 15:11	906.2
RWA-22	NAD 83-7V	564088	6995941	28-SEP-04 15:02	932.4
RWA-21	NAD 83-7V	564069	6996039	28-SEP-04 14:48	962.3
RWA-20	NAD 83-7V	564044	6996145	28-SEP-04 14:36	998.8
RWA-19	NAD 83-7V	563990	6996235	28-SEP-04 14:23	1024.4
RWA-18	NAD 83-7V	563916	6996291	28-SEP-04 14:13	1042.1
RWA-17	NAD 83-7V	563938	6996381	28-SEP-04 14:03	1076.2
RWA-16	NAD 83-7V	563938	6996479	28-SEP-04 13:51	1104.3
RWA-15	NAD 83-7V	563974	6996577	28-SEP-04 13:31	1110.7
RWA-14	NAD 83-7V	564005	6996678	28-SEP-04 13:21	1119.2
RWA-13	NAD 83-7V	564064	6996772	28-SEP-04 13:10	1119.5
RWA-12	NAD 83-7V	564100	6996859	28-SEP-04 12:59	1113.4
RWA-11	NAD 83-7V	564127	6996958	28-SEP-04 12:43	1124.4
RWA-10	NAD 83-7V	564212	6997016	28-SEP-04 12:30	1126.8
RWA-09	NAD 83-7V	564247	6997117	28-SEP-04 12:25	1144.2
RWA-08	NAD 83-7V	564272	6997221	28-SEP-04 12:14	1154.3
RWA-07	NAD 83-7V	564320	6997307	28-SEP-04 12:03	1164.6
RWA-06	NAD 83-7V	564383	6997385	28-SEP-04 11:49	1162.5
RWA-05	NAD 83-7V	564457	6997471	28-SEP-04 11:44	1173.8
RWA-04	NAD 83-7V	564490	6997577	28-SEP-04 11:31	1178.7
RWA-03	NAD 83-7V	564506	6997677	28-SEP-04 11:23	1189.9
RWA-02	NAD 83-7V	564527	6997780	28-SEP-04 11:14	1196.9
RWA-01	NAD 83-7V	564560	6997882	28-SEP-04 11:09	1196



GEOCHEMICAL ANALYSIS CERTIFICATE



Ryanwood Exploration Inc. File # A407747 Page 1

Box 213, Dawson City YT Y0B 1G0

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	2.0	4.0	3.5	50	<.1	5.4	4.1	548	1.94	.6	2.1	3.0	4.6	113	<.1	<.1	.2	43	.72	.072	11	16.2	.57	333	.148	1	1.24	.233	.67	2.7	<.01	7.7	.4	<.05	6	<.5
WRD-01	.9	34.4	3.8	66	<.1	98.3	22.6	403	3.41	1.0	.6	.8	3.0	31	<.1	.1	.1	89	.66	.064	11	206.4	1.95	240	.166	1	2.50	.010	.18	.1	<.01	5.7	.2	<.05	8	<.5
WRD-02	1.9	64.3	4.4	77	<.1	128.8	23.8	434	4.15	3.8	.5	.5	1.4	19	.1	.2	.1	86	.76	.193	7	201.8	1.58	154	.143	1	1.99	.014	.25	.1	.01	4.9	.3	<.05	8	<.5
WRD-03	.7	37.1	1.8	66	<.1	98.5	17.2	361	2.91	.9	.4	<.5	2.5	9	.1	.4	<.1	68	.22	.057	6	211.0	1.54	183	.158	1	1.87	.011	.57	<.1	.01	2.8	.3	<.05	6	<.5
WRD-04	1.4	102.8	12.3	78	.2	12.5	4.6	183	3.98	3.8	1.2	2.2	5.8	37	.1	.3	.2	49	.09	.037	12	51.8	.57	272	.121	1	1.49	.016	.21	<.1	.01	4.1	.2	.35	5	.7
WRD-05	.9	46.9	7.0	49	.1	59.9	15.8	280	2.76	8.8	.5	4.9	3.0	15	.1	.4	.1	60	.20	.021	8	106.3	.72	205	.074	<.1	1.88	.011	.04	.1	.02	4.0	.1	<.05	5	<.5
WRD-06	.9	48.1	4.4	33	<.1	109.1	23.4	705	2.73	1.5	.6	<.5	6.9	20	.1	.1	<.1	43	.38	.076	10	81.7	.98	151	.135	1	1.35	.014	.23	.1	.01	3.0	.1	<.05	5	<.5
WRD-07	1.2	72.3	3.8	66	<.1	107.3	23.7	372	2.88	1.4	.6	<.5	3.3	19	<.1	.1	<.1	55	.40	.085	8	125.6	1.31	167	.127	<.1	1.85	.011	.35	.1	<.01	3.0	.2	<.05	5	<.5
WRD-08	1.1	27.0	2.6	36	<.1	109.3	17.9	286	3.20	2.4	.4	.5	2.8	16	<.1	.4	<.1	64	.36	.030	6	224.9	1.60	251	.081	1	1.88	.009	.25	<.1	.01	5.6	.1	<.05	6	<.5
WRD-09	1.8	68.5	6.2	106	.1	60.6	16.2	550	3.48	5.3	1.8	1.8	5.9	25	.3	.4	.3	67	.53	.093	20	61.6	1.02	465	.124	1	1.72	.014	.36	.1	.01	6.2	.3	.12	6	1.0
WRD-10	1.6	35.4	9.4	90	.8	28.8	8.7	240	2.73	12.2	.9	3.5	3.4	24	.3	1.6	.2	66	.47	.031	12	34.2	.47	674	.048	1	1.67	.013	.05	.1	.04	4.3	.1	<.05	6	.7
WRD-11	1.5	70.6	12.2	155	.4	73.9	17.8	555	3.60	3.9	1.0	5.2	5.0	49	.5	.4	.1	102	1.68	.125	17	109.3	1.30	868	.124	1	1.97	.016	.29	.1	.04	6.3	.2	<.05	8	.9
WRD-12	3.1	66.8	9.0	153	.4	65.2	15.2	635	3.65	17.5	1.1	7.1	3.8	28	.7	9.9	.2	66	.65	.075	14	44.1	.35	1007	.019	3	1.27	.014	.07	.2	.15	7.1	.1	<.05	4	1.4
WRD-13	1.5	40.9	8.0	104	.5	43.6	12.0	428	2.69	26.6	1.1	4.5	2.1	44	.6	1.3	.2	63	1.24	.073	15	43.3	.53	1885	.040	2	1.33	.017	.06	.1	.07	5.1	.1	<.05	5	.9
WRD-14	2.0	58.8	7.4	77	.2	41.3	12.1	409	2.65	106.5	1.3	2.7	3.6	30	.3	.7	.2	50	.40	.047	14	30.0	.45	665	.038	2	1.32	.012	.10	.1	.05	3.2	.2	.08	4	.9
WRD-15	1.7	29.5	7.4	90	.1	18.9	5.9	217	2.83	8.1	1.7	1.6	5.2	19	.1	.9	.3	54	.17	.067	19	41.7	.66	207	.076	<.1	1.44	.010	.24	.1	.01	3.2	.3	<.05	6	.7
WRD-16	4.6	84.7	6.5	300	<.1	300.3	12.2	606	6.08	3.2	1.4	.5	5.5	21	.4	.6	.1	202	.11	.043	18	725.7	3.55	369	.119	1	3.59	.005	.16	<.1	.01	10.5	.4	<.05	19	1.0
WRD-17	3.0	60.0	9.8	79	.2	17.8	4.9	255	3.88	5.8	1.8	.9	5.4	33	.2	.6	.2	76	.06	.051	19	38.6	.60	321	.063	1	1.63	.025	.22	.1	.01	3.5	.2	.30	7	1.2
RE WRD-17	3.5	61.5	9.9	77	.2	17.7	4.6	261	3.86	5.6	2.0	3.0	6.0	34	.2	.6	.3	68	.06	.053	20	37.4	.59	320	.065	<.1	1.61	.026	.23	.1	.01	3.0	.2	.32	7	1.3
WRD-18	1.0	54.4	4.8	86	<.1	40.9	21.0	501	4.19	2.9	.4	<.5	1.4	26	.2	.3	.1	112	.33	.034	3	150.8	1.37	361	.173	1	2.28	.014	.44	.1	<.01	5.6	.3	<.05	7	<.5
WRD-19	1.1	12.3	7.6	39	.1	16.5	6.3	275	2.20	14.3	.4	9.4	1.6	14	.2	1.0	.2	49	.17	.032	8	23.4	.26	217	.048	1	1.17	.011	.05	.1	.02	2.1	.1	<.05	5	<.5
WRD-20	1.4	20.7	8.9	48	<.1	19.8	7.1	279	3.03	12.7	.5	4.2	2.9	13	.2	.7	.2	62	.13	.033	9	34.7	.38	254	.058	1	1.45	.009	.07	.1	.02	2.3	.1	<.05	6	<.5
WRD-21	3.4	43.2	10.0	107	.1	38.8	10.9	216	3.48	15.4	1.0	5.2	3.8	26	.2	2.2	.2	66	.14	.035	10	40.3	.41	342	.026	1	1.72	.010	.06	.1	.02	3.9	.1	<.05	5	.5
WRD-22	1.1	40.3	6.6	66	.2	33.6	12.7	458	3.20	10.4	.6	4.4	3.3	31	.2	1.2	.1	65	.61	.073	17	44.8	.55	550	.062	2	1.31	.027	.06	.1	.05	8.4	.1	<.05	4	<.5
WRD-23	1.0	31.6	8.1	70	.2	33.8	17.8	639	3.86	45.3	.8	4.9	3.0	58	.2	2.5	.2	75	1.62	.052	12	42.1	.65	688	.017	1	1.17	.014	.08	.2	.05	13.5	.1	<.05	4	.7
WRD-24	2.0	48.1	7.0	115	<.1	54.5	17.1	323	4.87	20.6	.8	.7	3.4	16	.2	1.1	.1	127	.33	.087	9	79.9	.93	317	.062	1	1.96	.007	.24	<.1	.01	9.4	.2	<.05	7	<.5
WRD-25	1.6	61.1	5.3	102	<.1	54.6	19.5	347	4.57	13.2	.6	.7	3.8	16	.2	.5	.1	135	.32	.075	10	97.2	1.08	442	.123	1	2.32	.012	.56	.1	.01	7.1	.3	<.05	8	.7
WRD-26	2.5	53.3	8.9	157	.2	56.3	12.1	376	3.25	9.4	1.4	2.4	3.7	33	.9	1.2	.2	70	.38	.070	17	54.8	.60	486	.077	1	1.54	.013	.21	.6	.02	3.7	.2	<.05	6	1.0
WRD-27	2.3	59.8	12.0	120	.1	49.6	14.0	440	3.52	20.4	1.7	3.0	6.0	41	.2	1.0	.2	69	.55	.128	20	49.5	.62	333	.073	1	1.47	.014	.17	.1	.02	6.6	.2	<.05	5	.9
WRD-28	.6	34.7	7.4	55	.1	26.6	10.4	493	2.38	9.1	.5	4.1	2.7	57	.2	.6	.1	57	1.18	.066	13	32.4	.60	311	.075	2	1.18	.036	.06	.1	.05	3.7	.1	<.05	4	<.5
WRD-29	2.4	92.9	14.0	164	.1	58.6	13.8	321	3.01	8.9	1.1	2.1	5.0	27	.3	1.2	.3	65	.47	.156	19	57.8	.71	585	.062	<.1	1.36	.006	.30	.2	.01	3.9	.3	<.05	5	<.5
RWE-01	.9	13.8	8.4	34	<.1	12.0	5.7	164	2.05	5.3	.4	1.0	.7	15	.1	.4	.2	63	.18	.030	8	25.8	.38	125	.061	<.1	1.29	.011	.04	.1	.02	2.4	.1	<.05	6	<.5
RWE-02	.8	15.5	8.2	32	<.1	11.8	5.8	144	2.13	6.1	.5	2.0	.4	13	.1	.3	.2	56	.14	.059	8	27.5	.27	136	.047	<.1	1.49	.011	.03	.1	.02	2.0	.1	<.05	5	<.5
RWE-03	.8	29.5	6.2	50	<.1	29.5	11.8	369	2.94	8.1	.6	2.2	2.7	16	.1	.4	.1	73	.21	.021	10	56.0	.66	159	.090	1	2.25	.013	.04	.1	.03	5.2	.1	<.05	6	<.5
RWE-04	1.8	18.7	8.9	55	.1	19.6	14.3	686	3.48	10.7	.4	1.9	1.8	14	.2	.6	.2	93	.16	.038	8	41.2	.51	145	.086	1	1.87	.009	.04	.1	.03	2.7	.1	<.05	9	<.5
STANDARD DS6	11.8	117.8	30.9	144	.2	23.8	10.2	684	2.71	20.5	6.7	47.9	3.0	38	5.8	3.5	4.9	54	.85	.076	13	181.9	.55	181	.077	17	1.81	.068	.15	3.6	.24	3.1	1.6	<.05	6	4.2

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA \_\_\_\_\_ DATE RECEIVED: DEC 20 2004 DATE REPORT MAILED: Jan 5/05



All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RWE-05	.9	33.3	6.9	49	.2	21.3	14.2	675	2.63	7.2	.6	1.3	1.1	15	.3	.4	.2	64	.18	.040	9	35.8	.46	161	.063	<1	1.40	.014	.03	.1	.03	3.1	.1	.07	6	<.5
RWE-06	.9	33.7	7.8	56	.1	31.7	16.9	701	3.29	7.0	.4	2.3	2.4	17	.1	.4	.2	78	.20	.024	8	62.2	.89	183	.082	1	2.40	.012	.03	.1	.04	5.1	.1	<.05	7	<.5
RWE-07	.8	27.7	6.1	49	<.1	27.9	11.9	339	2.85	7.3	.4	4.6	2.5	16	.1	.4	.1	74	.20	.018	9	48.9	.71	163	.089	2	2.20	.013	.03	.1	.02	4.3	.1	<.05	6	<.5
RWE-08	.8	45.0	6.9	54	<.1	30.2	14.0	508	3.25	10.6	.6	.8	2.1	19	.1	.4	.2	76	.25	.024	10	52.5	.86	172	.062	1	2.20	.013	.03	.1	.03	6.2	.1	<.05	7	<.5
RWE-09	.8	29.5	7.6	54	.1	28.9	13.5	546	3.10	7.4	.5	2.2	2.3	25	<.1	.4	.2	83	.50	.039	11	56.5	.78	217	.081	1	2.21	.021	.03	.1	.02	6.2	.1	<.05	7	.5
RWE-10	1.0	31.2	8.2	58	.1	29.6	14.5	389	3.45	9.7	.7	1.7	3.4	26	.1	.5	.2	87	.33	.017	13	54.9	.76	229	.099	1	2.43	.019	.04	.1	.03	7.0	.1	<.05	6	<.5
RWE-11	.9	21.2	6.5	62	.1	24.3	21.4	1449	4.79	24.2	.8	1.4	3.2	12	.1	.4	.1	144	.22	.034	13	160.3	2.27	141	.039	1	3.26	.008	.04	.1	.03	19.7	.1	<.05	9	.6
RWE-12	1.4	22.4	16.3	57	.3	14.9	8.1	290	2.74	9.5	3.2	2.2	3.9	14	.4	.4	.3	69	.15	.024	14	32.7	.38	150	.052	1	1.75	.011	.04	.2	.04	3.3	.2	<.05	7	<.5
RWE-13	1.8	28.3	11.9	66	.1	13.7	8.4	424	3.30	12.4	.6	1.6	3.0	15	.2	.5	.2	65	.18	.042	18	31.0	.47	104	.055	1	1.50	.009	.06	.1	.02	3.9	.1	<.05	6	<.5
RWE-14	.8	29.8	7.4	49	<.1	38.9	14.2	505	2.93	10.7	1.0	3.0	3.3	18	.1	.3	.2	73	.27	.034	16	96.0	1.08	162	.056	1	2.25	.011	.03	.1	.04	6.5	.2	<.05	7	.6
RWE-15	.7	15.2	15.7	44	<.1	17.1	7.3	288	2.38	14.4	.9	3.8	6.4	16	.1	.5	.2	56	.21	.024	18	32.9	.47	265	.067	1	1.48	.012	.05	.2	.02	3.3	.1	<.05	5	<.5
RWE-16	1.3	14.0	20.9	55	<.1	17.2	8.2	516	3.08	13.9	1.2	1.3	5.0	12	.1	.5	.2	66	.14	.046	17	33.5	.41	159	.041	1	1.56	.009	.08	.2	.02	3.3	.1	<.05	6	<.5
RWE-17	1.9	18.3	11.9	51	<.1	23.2	12.1	400	3.46	11.3	.7	3.8	4.0	16	<.1	.6	.2	85	.17	.027	11	42.1	.52	273	.085	1	2.46	.013	.04	.1	.02	4.0	.1	<.05	7	.5
RWE-18	1.7	20.2	20.3	46	.1	19.0	9.2	611	3.63	9.8	1.3	1.4	5.6	17	<.1	.5	.2	79	.17	.039	46	34.0	.41	605	.029	1	2.64	.010	.07	.1	.03	5.4	.2	<.05	8	.6
RWE-19	.9	27.0	9.0	61	.1	29.5	14.2	323	3.44	10.1	.6	3.1	4.1	19	.1	.6	.2	83	.18	.011	11	56.0	.67	184	.102	2	2.62	.013	.04	.1	.03	4.8	.1	<.05	7	<.5
RWE-20	1.1	40.1	8.7	53	.1	41.4	17.2	327	3.27	10.1	.6	2.1	3.2	13	.1	.5	.2	78	.16	.020	9	67.3	.69	150	.082	2	2.57	.011	.04	.1	.04	4.6	.1	<.05	6	<.5
RWE-21	1.5	19.6	10.0	70	.1	28.1	16.1	384	3.91	16.0	.6	1.9	3.4	16	.1	.6	.2	82	.17	.034	10	44.7	.63	227	.065	1	2.52	.011	.08	.1	.02	4.1	.1	<.05	7	.5
RWE-22	1.3	27.1	10.3	65	.2	28.6	12.9	359	3.35	14.1	.9	2.4	3.8	17	.1	.7	.2	88	.17	.020	13	46.4	.58	187	.077	1	2.45	.012	.04	.1	.03	5.0	.1	<.05	7	.6
RWE-23	1.9	43.6	9.9	100	.2	35.4	13.6	381	4.07	12.5	3.4	3.1	4.4	20	.1	.5	.2	82	.21	.067	21	49.4	.83	214	.050	1	2.41	.010	.04	.1	.03	5.7	.1	<.05	7	.9
RWE-24	1.1	25.3	9.1	62	.1	25.0	13.6	321	3.35	7.2	.6	1.3	3.0	17	.1	.5	.2	91	.19	.011	11	57.3	.73	171	.090	<1	2.45	.012	.03	.1	.01	5.2	.1	<.05	7	<.5
RWE-25	.6	45.1	6.2	45	<.1	26.6	12.4	335	2.66	5.0	.5	3.4	2.5	18	.1	.3	.1	63	.28	.023	9	50.0	.71	144	.082	1	1.80	.016	.03	.1	.01	4.2	.1	<.05	5	<.5
RE RWE-25	.6	45.3	6.4	45	.1	25.4	12.6	304	2.54	5.0	.5	1.3	2.5	19	.1	.3	.1	66	.26	.022	10	45.6	.70	147	.086	1	1.82	.014	.03	.1	.02	3.9	.1	<.05	5	<.5
RWE-26	.6	44.2	4.7	57	.1	41.5	16.0	573	3.19	4.6	.4	1.8	1.6	16	.1	.2	.1	76	.38	.038	5	92.1	1.36	145	.089	1	2.19	.015	.03	<.1	.02	5.0	.1	<.05	6	<.5
RWE-27	.3	36.4	10.0	57	.1	24.6	15.3	384	2.75	5.3	1.0	5.3	3.1	23	.1	.3	.2	73	.53	.039	14	44.1	.90	181	.072	1	2.09	.019	.03	.1	.04	6.7	.1	<.05	5	<.5
RWE-28	.5	38.1	6.7	52	<.1	28.3	11.9	300	2.42	4.0	.6	1.9	2.0	16	.1	.2	.1	64	.28	.035	10	59.6	1.00	118	.081	1	1.88	.011	.03	<.1	.02	3.8	.1	<.05	5	<.5
RWE-29	.3	76.3	12.5	97	.2	43.1	16.0	672	3.55	4.1	.9	2.2	2.4	19	.2	.2	.6	91	.47	.044	12	89.1	1.54	197	.092	1	2.59	.013	.08	.1	.04	7.2	.1	<.05	7	.6
RWE-30	.4	30.7	7.1	50	.1	23.8	13.2	639	2.57	6.8	.7	1.7	1.2	20	.1	.2	.1	64	.44	.058	9	45.8	.76	175	.052	1	1.59	.014	.03	.1	.04	4.1	.1	<.05	5	<.5
RWE-31	.7	26.8	6.2	52	<.1	22.2	10.0	293	2.63	6.1	.5	1.9	2.8	15	.1	.3	.1	68	.22	.027	8	45.6	.93	116	.093	1	1.88	.012	.05	.1	.02	3.5	.1	<.05	6	<.5
WRF-01	1.8	65.8	10.8	71	.5	44.9	17.3	487	3.71	11.5	1.4	3.0	6.6	11	.2	.6	.4	74	.10	.027	18	46.0	.71	158	.059	1	2.51	.009	.04	.1	.05	5.3	.1	<.05	6	.8
WRF-02	2.2	46.2	11.1	72	.2	36.7	12.7	475	3.55	39.1	1.1	6.7	3.1	19	.2	1.1	.3	68	.23	.049	15	38.6	.50	208	.042	1	1.96	.012	.05	.1	.04	4.2	.1	<.05	6	1.2
WRF-03	1.8	55.5	12.7	93	.3	38.2	13.6	366	3.44	19.5	1.3	1.8	3.2	26	.4	1.1	.2	66	.47	.061	12	34.0	.58	169	.032	2	1.94	.013	.06	.1	.03	3.2	.2	<.05	5	1.1
WRF-04	1.7	47.0	10.4	80	.1	39.0	15.0	513	3.74	19.9	1.6	1.8	5.7	17	.1	.5	.2	65	.15	.042	19	39.4	.62	144	.051	1	1.99	.010	.06	.1	.02	4.0	.1	<.05	5	.9
WRF-05	1.6	68.4	15.8	111	.1	93.0	27.8	710	6.08	10.7	1.5	.5	7.9	11	.2	.3	.3	99	.07	.032	25	74.6	1.77	257	.076	1	2.93	.005	.10	<.1	.03	9.6	.3	<.05	7	.9
WRF-06	2.4	51.2	10.5	108	.1	34.8	11.5	326	4.35	79.1	1.4	.8	4.7	16	.4	.6	.2	79	.10	.052	25	35.3	.65	211	.079	2	1.67	.009	.18	.1	.02	2.9	.2	.07	7	1.0
STANDARD	11.4	118.1	30.1	140	.2	25.3	11.0	726	2.77	21.1	6.6	44.2	3.1	39	5.9	3.7	4.9	57	.82	.077	14	185.0	.59	161	.078	15	1.79	.071	.15	3.6	.24	3.3	1.7	<.05	6	4.4

Standard is STANDARD DS6. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
WRF-07	2.5	47.3	10.3	147	.1	49.9	12.4	349	4.01	18.4	1.2	2.8	3.5	19	.6	.5	.2	79	.19	.050	14	57.6	.66	376	.074	1	2.19	.010	.09	.1	.02	3.5	.1	<.05	7	1.3
WRF-08	4.5	44.1	10.9	159	.1	93.5	15.0	470	4.01	13.6	1.2	2.7	2.0	14	1.0	.4	.2	100	.16	.061	12	76.0	.69	133	.089	1	1.91	.008	.05	.1	.03	3.2	.1	<.05	7	.9
WRF-09	3.7	56.1	8.9	252	.4	62.3	20.4	545	3.13	72.7	1.9	2.3	2.6	31	1.3	.9	.2	58	.21	.065	12	44.0	.45	1966	.049	3	1.70	.010	.07	.2	.05	3.7	.1	<.05	5	1.2
WRF-10	1.6	54.0	10.0	89	.2	32.8	11.3	257	2.82	15.2	2.2	2.7	3.7	21	.4	.5	.2	62	.21	.037	15	38.0	.57	868	.070	1	1.75	.014	.05	.1	.03	4.1	.1	<.05	5	.9
WRF-11	1.3	32.8	8.8	70	.3	37.3	14.9	322	3.30	9.6	.8	2.1	3.6	14	.6	.5	.2	74	.13	.023	10	47.5	.55	164	.076	2	2.37	.017	.05	.1	.02	4.0	.1	<.05	6	.6
WRF-12	2.2	45.4	11.8	79	.3	31.3	15.2	329	3.82	9.9	1.5	2.2	5.8	25	.3	.5	.3	82	.15	.037	18	46.6	.79	234	.083	1	2.66	.014	.09	.1	.04	4.3	.2	<.05	6	.8
WRF-13	1.4	34.9	10.5	69	.3	33.3	14.3	362	3.43	11.7	1.1	2.8	4.4	24	.2	.5	.2	79	.22	.029	12	52.4	.66	250	.090	2	2.56	.018	.04	.1	.04	5.8	.1	<.05	6	.9
WRF-14	.6	31.0	5.6	53	.1	25.2	11.1	350	2.63	6.7	.6	3.5	2.9	28	.1	.4	.1	68	.38	.042	11	36.8	.65	184	.091	1	1.49	.022	.03	.1	.01	4.6	.1	<.05	4	.6
WRF-15	2.1	19.7	9.5	66	.1	20.7	9.4	261	3.38	9.2	.8	.5	2.3	14	.4	.5	.2	98	.15	.038	10	38.6	.52	149	.084	1	1.68	.009	.07	.1	.02	2.7	.1	<.05	8	.6
WRF-16	1.6	22.5	9.5	50	.6	20.7	10.1	385	3.05	10.7	.6	1.5	2.5	16	.2	.5	.2	69	.18	.033	10	39.3	.41	180	.061	1	1.92	.013	.03	.1	.03	3.3	.1	<.05	6	<.5
RE WRF-16	1.7	21.4	9.0	48	.5	18.2	9.6	376	2.93	10.7	.6	.8	2.4	15	.3	.5	.2	63	.19	.034	9	37.2	.41	180	.060	1	1.83	.013	.03	.1	.04	3.0	.1	<.05	6	.5
WRF-17	2.1	41.3	9.2	114	.1	35.9	12.3	369	3.22	7.7	1.3	2.1	3.2	18	.4	.5	.2	92	.17	.043	11	44.1	.62	162	.087	1	1.82	.011	.06	.1	.03	3.4	.1	<.05	6	1.1
WRF-18	1.5	37.1	8.3	54	.3	32.0	14.5	287	3.44	9.9	.8	1.8	3.9	13	.1	.5	.8	84	.12	.022	9	43.4	.58	174	.087	1	2.38	.009	.05	.1	.02	3.6	.1	<.05	6	.6
WRF-19	1.9	26.8	8.2	73	.4	24.8	12.1	277	3.44	9.5	.6	1.5	2.5	20	.3	.5	.2	81	.18	.044	10	44.4	.57	324	.087	1	2.03	.014	.07	.1	.01	3.2	.1	<.05	7	.5
WRF-20	2.6	82.2	7.0	96	.4	47.5	19.7	392	3.99	6.8	1.7	2.2	4.3	19	.2	.4	.3	115	.17	.050	18	62.7	1.22	331	.137	<1	2.65	.014	.31	.1	.02	4.7	.2	<.05	8	.9
WRF-21	5.9	94.8	6.5	151	.9	21.2	4.0	234	4.46	2.8	1.5	.5	6.8	24	.4	.5	.4	109	.13	.054	29	56.7	1.18	338	.076	<1	1.84	.018	.47	.1	.01	3.3	.3	.62	6	5.7
WRF-22	3.4	83.6	9.6	120	.3	30.9	12.5	585	4.14	4.9	1.8	1.5	3.6	34	.3	.3	.2	93	.12	.055	18	49.9	1.29	389	.093	<1	2.16	.014	.26	.1	.01	3.5	.3	.17	7	1.4
WRF-23	1.5	36.3	9.7	61	.2	31.2	12.5	309	3.42	9.5	1.4	3.7	4.7	17	.2	.5	.2	88	.19	.032	13	50.1	.59	256	.094	1	2.12	.012	.07	.1	.02	4.2	.1	<.05	6	.8
WRF-24	3.1	39.1	11.2	58	.5	14.4	6.0	275	3.53	8.7	.9	1.3	1.3	20	.4	.6	.2	85	.09	.048	11	30.6	.28	117	.054	1	1.43	.011	.04	.1	.03	2.4	.1	<.05	7	1.2
WRF-25	3.2	99.4	9.1	188	.5	60.8	13.4	432	3.26	10.4	2.6	3.1	4.0	37	1.3	.8	.2	74	.26	.052	16	39.4	.60	219	.086	1	1.79	.014	.07	.1	.04	4.2	.1	.06	5	1.5
WRF-26	3.8	52.8	7.7	92	.3	35.6	10.6	267	3.03	18.3	.9	1.9	1.7	43	.4	.5	.2	62	.15	.054	13	29.4	.42	189	.056	<1	1.61	.012	.06	.1	.02	2.6	.1	.08	5	2.3
WRF-27	1.7	22.3	9.0	38	.2	12.9	4.9	121	2.47	7.6	1.1	2.6	.4	20	.2	.3	.2	61	.16	.047	10	27.3	.28	234	.044	1	1.40	.011	.03	.1	.03	2.0	.1	<.05	6	.9
WRF-28	1.5	22.8	10.5	57	.6	26.1	13.2	285	3.42	10.0	.6	1.9	4.1	16	.2	.6	.2	76	.17	.037	9	50.5	.54	195	.080	1	2.66	.014	.06	.1	.02	4.2	.1	<.05	7	.5
WRF-29	4.2	63.3	19.2	68	.5	18.9	6.2	246	3.28	6.2	1.1	2.2	5.3	21	.2	.5	.4	68	.15	.048	20	40.1	.59	192	.052	1	1.88	.012	.12	.1	.01	3.1	.1	.07	6	1.9
STANDARD	11.4	119.1	30.3	139	.3	24.0	10.3	664	2.69	20.5	6.7	44.4	3.1	38	5.6	3.3	4.8	54	.82	.070	13	183.4	.57	158	.076	16	1.77	.070	.15	3.5	.22	3.1	1.7	<.05	6	4.4

Standard is STANDARD DS6. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



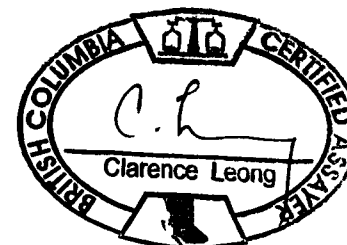
Ryanwood Exploration Inc. PROJECT SH-SERIES File # A403779

Box 213, Dawson City YT Y0B 1G0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SHS01	2.8	21.4	51.2	42	.1	36.7	15.3	254	3.07	6.0	1.8	1.7	14.9	11	.1	.5	.7	28	.12	.046	25	19.0	.45	99	.039	1	1.36	.007	.08	.1	.05	2.0	.1	<.05	3	1.2
SHS02	5.5	88.1	18.0	148	.1	233.1	44.9	1405	6.92	3.4	5.3	1.3	15.7	13	.9	.2	.2	162	.21	.036	33	224.5	3.19	597	.226	1	3.61	.011	1.08	.1	.01	13.5	1.0	<.05	12	1.5
SHS03	6.3	58.0	10.8	117	.1	110.7	23.5	616	4.38	2.5	2.1	<.5	4.3	46	.4	.3	.2	117	.20	.066	16	116.8	1.81	520	.121	1	2.10	.011	.52	.1	.02	7.1	.3	.09	8	1.7
SHS04	1.3	16.4	20.4	52	.1	23.3	12.6	338	2.81	8.8	1.0	2.6	6.9	15	.1	.5	.3	61	.19	.054	20	35.0	.52	118	.075	2	2.33	.012	.06	.2	.04	3.5	.1	<.05	5	.7
SHS05	1.1	15.2	23.1	47	.1	22.5	9.9	317	2.72	7.4	1.1	2.5	5.6	20	.1	.4	.2	56	.24	.040	17	27.0	.70	136	.081	1	1.68	.008	.09	.1	.03	2.5	.2	<.05	7	.5
SHS06	1.1	22.3	40.6	64	.1	52.6	14.9	639	3.02	5.5	1.1	.8	18.4	13	.1	.2	.3	44	.17	.044	41	37.7	1.55	184	.062	1	1.99	.008	.11	.1	.02	3.3	.2	<.05	6	.5
SHS07	.4	25.6	5.3	43	<.1	474.3	38.5	648	2.80	5.3	.3	4.0	1.9	13	.1	.2	.1	50	.20	.034	7	292.9	1.86	109	.051	2	1.25	.013	.04	.1	.01	2.8	.1	<.05	3	<.5
SHS08	1.1	19.5	10.1	60	.1	21.9	12.6	467	3.19	9.1	1.0	5.3	4.1	22	.1	.5	.2	87	.28	.077	17	44.8	.76	217	.095	1	2.10	.014	.09	.1	.03	5.3	.2	<.05	6	.6
SHS09	6.9	122.2	12.4	131	.4	27.6	5.9	466	4.72	3.9	2.0	2.1	9.4	11	.1	.7	.3	72	.02	.065	36	34.8	.83	177	.053	2	2.15	.005	.38	.1	.02	3.2	.4	.20	6	2.5
STANDARD DS5	12.5	142.1	25.9	136	.3	24.0	12.4	784	2.94	18.9	6.1	43.0	3.0	49	5.4	4.0	6.0	63	.76	.091	13	188.6	.69	135	.101	17	2.07	.035	.14	4.9	.18	3.6	1.1	<.05	6	5.0

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: SOIL SS80 60C

Data Ne FA \_\_\_\_\_ DATE RECEIVED: JUL 22 2004 DATE REPORT MAILED: Aug 5/04





GEOCHEMICAL ANALYSIS CERTIFICATE



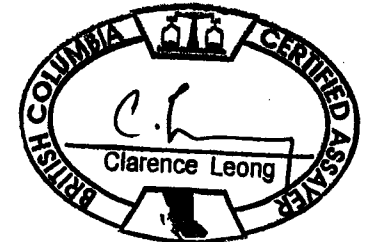
Ryanwood Exploration Inc. PROJECT SHAMROCK File # A403787

Box 213, Dawson City YT Y0B 1G0

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt
SI	<.1	.3	.7	1	<.1	<.1	<.1	6	.04	<.5	<.1	<.5	<.1	3	<.1	<.1	<.1	1	.18	<.001	<.1	<.1	<.01	4	<.001	<.1	.01	.665	<.01	<.1	<.01	<.1	<.1	<.05	<.1	<.5	.01
CAS04R-1	.5	2.5	3.9	9	<.1	3.5	.9	37	.36	<.5	<.1	2.1	<.1	<.1	1.2	2.2	<.1	1	<.01	<.001	<.1	8.1	<.01	7	<.001	1	.01	.004	<.01	<.1	.62	.1	<.1	<.05	<.1	<.5	<.01
CAS04RF-2	.1	3.1	3.1	5	<.1	1.7	.5	45	.44	<.5	.1	<.5	.1	1	.1	1.4	<.1	1	<.01	.001	<.1	8.3	.01	5	<.001	1	.02	.008	<.01	<.1	.30	<.1	<.1	<.05	<.1	<.5	<.01
CAS04RF-4	.1	2.7	4.0	3	<.1	2.3	.7	63	.38	.9	.2	<.5	.5	12	<.1	.7	<.1	1	.17	.011	1	8.2	.02	17	.001	1	.03	.003	.02	<.1	.29	.1	<.1	<.05	<.1	<.5	<.01
CAS04RF-6	.2	1.7	1.7	4	<.1	8.1	.8	58	.50	<.5	<.1	<.5	.3	3	<.1	.3	<.1	2	.02	.003	1	9.2	.05	16	.002	1	.09	.017	.02	<.1	.14	.1	<.1	<.05	<.1	<.5	<.01
CAS04RF-8	1.7	9.4	12.8	6	.4	1.6	.3	49	.76	1.7	.2	1.4	.4	2	<.1	.6	.1	2	<.01	.004	2	9.9	<.01	20	.001	2	.04	.002	.03	.1	.18	.3	<.1	<.05	<.1	.6	<.01
CAS04RF-9	2.2	2.1	2.0	4	.1	1.4	.4	42	.51	<.5	.1	<.5	.8	2	<.1	.5	.1	4	<.01	.004	4	19.7	.01	61	.002	1	.07	.004	.06	<.1	.22	.3	.1	.16	<.1	.6	<.01
CAS04R-12	1.8	103.7	1.9	59	.2	14.7	44.5	806	9.54	<.5	.1	.8	1.1	12	<.1	.2	.1	131	.51	.065	1	27.9	1.68	34	.145	1	2.25	.090	.44	<.1	.13	8.7	.1	3.69	8	7.9	<.01
STANDARD DS5/AU-1	12.4	139.3	24.5	130	.3	23.6	12.3	746	2.98	18.4	6.1	42.0	2.6	46	5.6	4.0	6.1	58	.73	.095	11	179.0	.67	133	.085	16	2.00	.035	.13	5.0	.18	3.3	1.0	<.05	6	5.1	3.45

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
- SAMPLE TYPE: ROCK R150 60C

Data Wa FA \_\_\_\_\_ DATE RECEIVED: JUL 22 2004 DATE REPORT MAILED: Aug 5/04





GEOCHEMICAL ANALYSIS CERTIFICATE

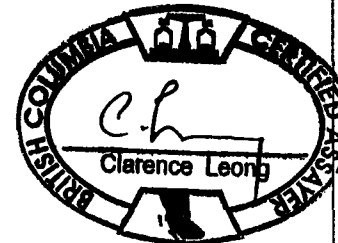
Ryanwood Exploration Inc. File # A406861 Page 1  
Box 213, Dawson City YT Y0B 1G0



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.7	3.3	2.4	48	<.1	4.8	4.3	549	1.99	<.5	1.8	1.6	4.3	84	<.1	<.1	.1	46	.61	.091	9	14.0	.63	268	.150	1	1.05	.121	.65	1.4	<.01	4.3	.4	<.05	5	<.5
WRA-01	1.0	118.1	7.0	52	.1	128.8	23.9	300	2.79	7.0	.7	3.6	2.2	23	.1	.4	.1	65	.32	.057	12	72.6	.69	181	.076	1	1.76	.014	.06	.1	.03	3.7	.1	<.05	5	.7
WRA-02	.4	32.2	1.1	44	<.1	27.6	20.5	235	3.01	1.3	.2	.6	.6	34	<.1	.1	<.1	62	.87	.300	5	33.4	1.07	388	.181	1	1.66	.022	.52	<.1	.01	2.0	.1	<.05	7	<.5
WRA-03	1.1	22.4	8.2	75	.1	28.0	12.9	435	3.10	8.3	.4	1.0	1.2	16	.1	.6	.2	74	.22	.087	8	40.3	.57	215	.076	2	1.84	.011	.09	.1	.03	2.7	.1	<.05	7	<.5
WRA-04	.8	21.8	9.6	87	.1	20.8	11.9	429	2.61	7.0	1.0	1.6	3.7	16	.1	.4	.2	62	.24	.068	12	33.0	.60	154	.092	1	1.89	.013	.07	.1	.02	2.9	.2	<.05	7	<.5
WRA-05	.8	37.9	7.3	56	<.1	76.1	17.4	349	3.04	8.3	.8	3.3	3.6	30	.1	.4	.1	74	.37	.050	15	76.0	.92	251	.098	2	2.13	.015	.08	.1	.03	5.8	.1	<.05	6	.6
WRA-06	.9	59.7	4.3	51	.1	111.3	21.7	320	2.73	5.3	.2	.8	1.0	22	.1	.5	.1	60	.40	.064	4	85.7	.88	137	.075	1	1.66	.017	.06	.1	.01	3.2	.1	<.05	5	<.5
WRA-07	.7	42.0	5.8	48	.1	113.5	18.1	284	2.84	7.0	.5	1.3	2.7	18	.1	.5	.1	72	.25	.027	10	101.0	1.05	200	.099	1	2.01	.013	.04	.1	.02	3.9	.1	<.05	6	<.5
WRA-08	.2	14.5	3.8	25	.3	13.4	4.0	499	.86	2.1	.4	1.1	.7	113	.5	.2	.1	18	17.15	.177	10	12.7	2.21	169	.026	3	.77	.010	.02	.1	.04	1.5	.1	.09	2	.7
WRA-09	2.3	53.5	12.5	99	.2	33.4	13.8	427	3.78	10.9	1.4	2.7	3.9	24	.2	1.3	.2	79	.29	.057	18	38.5	.42	332	.040	1	1.88	.013	.07	.1	.04	9.4	.2	<.05	6	1.4
WRA-10	1.4	36.8	9.7	71	.1	30.1	13.4	547	3.60	21.4	1.2	4.3	5.0	28	.1	.7	.2	83	.30	.038	20	51.8	.64	314	.098	1	2.31	.014	.06	.1	.04	7.9	.1	<.05	7	.7
WRA-11	1.3	37.4	10.7	81	.2	31.0	11.8	480	3.25	45.3	1.0	1.9	4.1	26	.3	1.7	.2	74	.30	.040	17	45.8	.62	604	.077	1	1.90	.015	.06	.1	.06	6.3	.1	<.05	6	.6
WRA-12	1.8	30.8	8.8	62	.3	28.6	11.2	707	3.00	10.7	.9	3.8	3.3	21	.2	1.0	.2	64	.24	.066	14	36.2	.54	301	.068	2	1.94	.012	.09	.1	.04	3.4	.1	<.05	6	.7
WRA-13	1.4	58.9	9.3	109	.3	44.7	13.6	444	3.89	12.3	1.6	4.1	4.5	29	.2	.8	.2	79	.26	.029	29	49.1	.55	664	.075	2	2.43	.014	.05	<.1	.05	7.9	.2	<.05	7	.7
RE WRA-13	1.3	57.5	9.2	110	.3	42.1	12.8	427	3.76	12.2	1.6	4.7	4.5	29	.2	.8	.2	78	.25	.028	29	47.6	.51	625	.074	1	2.31	.015	.05	<.1	.06	7.1	.2	<.05	7	.7
WRA-14	1.4	32.6	10.0	62	.2	25.2	11.1	323	3.22	8.4	1.1	2.2	3.6	32	.1	.5	.2	79	.40	.043	18	47.4	.69	234	.119	2	1.99	.020	.06	.1	.03	6.3	.1	<.05	6	1.0
WRA-15	2.7	21.0	11.5	53	.3	18.6	8.2	180	3.04	8.7	.9	1.8	1.8	27	.2	.8	.2	64	.22	.055	11	32.3	.40	346	.045	1	1.77	.013	.09	.1	.03	3.1	.2	.13	5	1.2
WRA-16	1.1	47.0	6.4	115	<.1	10.9	26.0	719	5.98	31.3	1.3	<.5	7.8	17	.2	.8	.1	53	.45	.161	12	13.0	1.16	287	.203	2	2.80	.006	1.06	.1	.01	5.9	.6	<.05	9	.5
WRA-17	4.7	55.3	21.4	154	.2	28.8	10.8	470	3.68	6.7	3.0	1.8	7.9	30	.4	.3	.2	111	.30	.100	31	48.6	.85	289	.119	2	1.86	.009	.45	.1	.01	3.7	.4	.11	7	1.8
WRA-18	1.7	76.0	7.1	105	.1	35.9	16.2	558	4.27	9.1	1.8	2.3	7.2	28	.1	.4	.1	83	.34	.117	24	49.7	1.03	353	.176	1	2.34	.013	.69	.1	.02	4.4	.3	.16	7	.8
WRA-19	1.3	37.1	13.8	60	.1	30.9	11.1	319	3.22	12.8	2.6	3.6	13.7	20	.1	.6	.2	73	.23	.028	30	46.3	.67	293	.094	3	2.36	.015	.09	.1	.05	5.3	.2	<.05	7	.6
WRA-20	3.0	51.4	8.5	77	.4	22.9	11.2	354	3.50	8.2	2.6	2.4	6.5	31	.1	.4	.2	80	.23	.084	25	50.9	.80	501	.137	1	1.91	.016	.33	.1	.02	4.0	.3	.20	6	2.3
WRA-21	8.5	135.3	21.9	166	.5	38.4	13.6	605	5.84	31.7	7.1	1.5	9.3	55	.3	1.2	.4	139	.33	.215	43	48.3	1.13	293	.110	2	2.07	.021	.61	.1	.03	5.5	.6	.68	7	2.2
WRA-22	1.2	36.2	8.8	61	.1	28.7	12.1	384	3.26	14.3	1.3	3.7	4.6	29	.1	.6	.1	78	.25	.016	19	50.9	.67	244	.126	2	2.20	.018	.09	.1	.04	7.6	.1	<.05	6	.7
WRA-23	3.0	51.2	14.3	118	.3	52.7	16.7	960	4.68	28.9	1.7	3.8	4.2	32	.3	14.2	.2	64	.28	.094	14	36.4	.34	393	.029	3	1.61	.008	.09	.1	.04	6.0	.2	<.05	5	1.2
WRA-24	1.6	33.7	11.7	81	.2	22.2	9.6	506	2.89	10.0	2.4	3.1	5.1	38	.3	.4	.2	70	.54	.051	16	40.8	.60	364	.108	1	1.73	.013	.14	.1	.02	4.1	.2	<.05	6	.9
WRA-25	3.1	61.6	4.3	188	.1	65.9	18.2	545	4.09	8.3	2.0	.5	5.5	28	.2	.4	<.1	118	.37	.058	22	97.0	1.49	432	.225	1	2.52	.008	.37	.1	.01	3.9	.3	<.05	8	1.6
WRA-26	4.1	40.2	8.3	90	.5	19.5	8.2	309	3.15	9.7	1.5	3.9	1.8	39	.3	.5	.1	71	.23	.087	20	42.4	.59	528	.098	2	1.58	.036	.18	.1	.04	2.8	.2	.25	5	2.6
WRA-27	2.9	20.9	10.8	81	1.0	17.4	8.8	215	3.62	18.1	.7	2.4	2.5	16	.4	.7	.2	102	.14	.052	12	39.9	.43	258	.081	1	2.26	.012	.05	.1	.03	3.4	.2	.06	9	.8
WRA-28	2.4	76.5	6.8	191	.1	39.6	18.4	637	4.31	9.0	3.3	2.2	5.8	28	.3	.7	.1	92	.29	.100	32	62.7	1.27	561	.176	2	2.47	.012	.78	.1	.01	5.2	.5	.13	8	1.0
WRA-29	1.3	26.7	18.3	107	.2	30.9	12.2	379	3.30	13.4	3.3	3.1	20.5	22	.3	.5	.2	55	.22	.044	72	35.2	.69	221	.094	3	2.20	.013	.23	<.1	.04	4.2	.3	<.05	9	<.5
WRA-30	2.9	84.5	5.0	187	.1	75.8	28.3	559	4.72	27.9	2.5	1.0	8.7	28	.3	1.0	.1	131	.39	.134	24	83.1	1.30	862	.143	2	2.49	.012	.69	.1	<.01	8.1	.6	.10	8	1.9
WRA-31	1.3	25.5	11.1	71	.2	38.7	17.9	347	3.29	9.3	1.3	2.8	7.7	23	.2	.6	.2	71	.23	.033	16	55.3	.69	366	.104	2	2.65	.018	.11	.1	.02	4.7	.2	<.05	7	<.5
WRA-32	1.7	22.1	7.9	65	.1	20.8	9.7	263	3.12	8.3	.8	1.5	2.9	18	.2	.5	.1	79	.17	.044	13	42.1	.62	280	.099	2	1.95	.011	.14	.1	.02	2.7	.2	.06	7	.6
STANDARD DS5	13.5	145.8	25.0	143	.3	24.9	12.7	782	3.03	18.0	6.7	43.2	2.7	47	5.9	4.0	6.0	62	.72	.104	12	183.4	.71	141	.094	16	2.00	.031	.13	5.0	.18	3.3	1.1	<.05	6	5.1

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA \_\_\_\_\_ DATE RECEIVED: OCT 21 2004 DATE REPORT MAILED: Nov 24/04





SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	1.7	2.9	2.7	46	<.1	4.4	3.9	537	1.91	<.5	1.9	1.2	4.4	86	<.1	<.1	.1	43	.59	.086	8	14.2	.62	275	.140	2	1.13	.134	.62	1.4	<.01	5.1	.3	.06	5	<.5
WRB-01	.6	145.4	6.6	68	.1	222.2	29.9	285	3.15	5.5	.7	8.2	2.9	25	.2	.4	.1	62	.42	.042	11	127.7	1.48	220	.093	1	1.63	.026	.06	.1	.04	5.9	.1	.06	5	.8
WRB-02	.8	34.8	4.8	49	<.1	128.5	20.2	247	3.01	6.4	.3	1.0	1.5	15	<.1	.6	.1	77	.23	.025	5	420.3	1.78	87	.130	1	2.02	.009	.04	.1	.01	2.4	.1	<.05	7	<.5
WRB-03	.7	52.8	5.7	57	<.1	87.2	20.9	395	2.84	4.6	.4	1.7	1.6	23	.1	.3	.1	77	.42	.035	7	172.8	1.24	179	.089	3	2.04	.012	.04	<.1	.02	5.6	.1	<.05	6	<.5
WRB-04	.5	157.4	4.9	45	<.1	92.0	21.9	267	2.94	5.4	.3	2.1	2.1	15	.1	.3	.1	62	.22	.025	7	126.4	.97	157	.096	2	2.10	.015	.05	.1	.01	5.4	.1	<.05	5	<.5
WRB-05	.8	190.9	5.4	58	.2	127.9	26.1	224	3.04	9.6	.2	1.8	1.1	12	.1	.5	.1	87	.17	.024	5	213.8	.95	135	.098	1	1.88	.010	.03	.1	.02	2.9	.1	<.05	6	<.5
WRB-06	.3	58.6	2.5	39	<.1	64.6	18.8	188	2.18	3.5	.2	.8	1.3	15	<.1	.2	<.1	47	.36	.083	7	64.4	.84	156	.117	1	1.66	.021	.08	.1	.01	2.4	.1	<.05	4	<.5
WRB-07	1.0	48.2	6.4	65	<.1	51.1	20.4	409	4.14	10.9	.7	2.4	3.3	30	<.1	.5	.1	78	.51	.096	14	59.4	1.03	195	.107	2	2.39	.026	.06	.6	.03	5.2	.1	<.05	8	.5
WRB-08	.9	31.4	6.9	60	.1	35.1	13.5	321	3.16	8.3	.6	2.8	3.0	25	<.1	.4	.1	79	.40	.043	12	56.3	.81	214	.093	1	2.23	.016	.04	.1	.03	5.0	.1	<.05	7	<.5
WRB-09	1.0	23.5	6.8	53	.1	27.3	9.4	221	2.72	7.6	.5	1.7	2.7	20	.1	.4	.1	76	.27	.024	10	50.0	.64	129	.110	1	2.00	.016	.04	.1	.02	4.6	.1	<.05	8	<.5
WRB-10	.4	161.2	2.7	41	<.1	42.2	15.0	188	2.07	4.2	.3	1.1	1.6	15	<.1	.2	.1	53	.28	.029	5	65.9	.77	112	.122	1	1.80	.017	.09	.1	.01	2.7	.1	<.05	3	<.5
WRB-11	1.3	101.1	3.4	73	.1	58.0	33.3	388	4.05	3.4	.3	1.7	2.2	27	.1	.3	.1	60	.33	.072	9	58.4	.87	324	.143	1	1.72	.010	.35	.1	.01	2.9	.1	.07	6	.5
WRB-12	1.3	57.0	4.3	49	.1	37.0	12.3	192	2.32	4.4	.5	3.0	1.4	18	.1	.3	.1	50	.29	.081	10	54.8	.62	113	.085	2	1.36	.018	.07	.1	.02	2.7	.1	.06	5	<.5
WRB-13	2.0	30.7	9.9	60	.1	28.4	9.4	282	3.72	29.3	.4	1.2	2.1	19	.1	.6	.2	100	.21	.044	10	52.9	.56	171	.162	<1	1.72	.011	.10	.1	.01	2.7	.1	<.05	10	<.5
WRB-14	2.2	88.7	2.1	81	<.1	36.2	16.2	417	4.19	5.3	.7	2.0	7.0	33	<.1	.2	<.1	55	.22	.041	27	58.6	1.31	326	.222	1	2.57	.008	.80	<.1	.01	2.2	.3	.10	6	1.0
WRB-15	.8	24.3	2.2	39	<.1	59.4	10.5	201	1.78	3.3	.2	.7	1.1	12	<.1	.1	<.1	38	.29	.038	4	85.9	.85	75	.096	<1	1.32	.014	.04	.1	.01	2.5	.1	<.05	4	<.5
WRB-16	1.3	46.6	9.5	61	.1	36.7	21.2	694	3.35	20.6	1.5	3.1	5.2	25	<.1	.7	.2	74	.31	.082	21	50.0	.66	288	.083	1	2.39	.020	.05	.1	.05	6.5	.1	<.05	6	.6
WRB-17	.6	19.0	6.5	52	.1	15.9	10.0	259	2.95	12.7	.4	1.7	3.6	14	.1	.4	.1	56	.19	.027	9	31.1	.63	100	.092	1	2.15	.014	.05	.1	.03	4.6	.1	<.05	6	<.5
RE WRB-17	.6	18.6	6.7	51	.1	15.7	9.7	267	2.91	13.3	.4	2.2	3.6	14	.1	.4	.1	57	.19	.028	9	32.0	.66	100	.094	1	2.08	.015	.05	.1	.03	4.3	.1	<.05	6	<.5
WRB-18	.5	18.8	7.0	49	<.1	92.2	16.3	275	3.23	3.7	.5	.8	3.6	17	<.1	.3	.1	72	.23	.019	9	253.5	1.71	120	.072	1	2.65	.010	.06	<.1	.01	6.8	.1	<.05	7	<.5
WRB-19	.2	17.5	2.4	41	<.1	144.4	15.6	257	2.27	2.0	.3	.7	2.6	14	<.1	.1	<.1	43	.24	.006	8	393.7	1.86	103	.151	<1	2.08	.007	.32	<.1	<.01	2.4	.2	<.05	6	<.5
WRB-20	.8	64.7	14.9	62	.2	54.7	20.5	733	4.39	246.6	1.4	2.9	4.6	72	.1	1.9	.1	63	1.41	.057	20	56.6	.74	191	.060	<1	1.72	.013	.03	.1	.04	7.3	.1	<.05	6	.5
WRB-21	.8	16.6	9.2	49	<.1	10.7	6.8	263	2.03	5.1	.8	.9	6.5	9	<.1	.3	.1	32	.10	.014	7	19.0	.47	101	.063	1	1.45	.008	.13	.1	.02	2.5	.2	<.05	4	<.5
WRB-22	.5	16.0	5.4	65	<.1	13.1	9.3	416	2.38	4.1	.7	1.7	6.3	15	<.1	.2	.1	37	.20	.045	17	21.7	1.09	144	.100	2	1.92	.010	.32	.1	.01	2.7	.2	<.05	5	.5
WRB-23	.7	17.1	7.4	64	<.1	34.0	11.9	332	3.14	6.7	.6	1.6	5.2	18	<.1	.3	.1	65	.23	.028	13	69.4	.97	143	.091	2	2.22	.012	.06	.1	.03	4.5	.1	<.05	7	<.5
WRB-24	.8	37.2	10.6	58	.2	31.8	16.9	593	3.04	13.7	1.6	1.8	2.0	89	.1	.7	.2	68	1.25	.077	20	46.6	.52	356	.049	11	2.07	.022	.03	.1	.07	5.1	.1	<.05	7	.7
WRB-25	.5	13.3	6.2	46	<.1	24.9	8.6	258	2.39	5.2	.4	.6	3.5	22	<.1	.2	.1	59	.34	.019	9	58.1	.88	176	.072	<1	1.80	.008	.06	.1	.01	4.3	.1	<.05	6	<.5
WRB-26	.4	31.2	6.9	67	<.1	160.8	19.7	363	3.64	5.8	.5	<.5	4.8	17	.1	.3	<.1	88	.21	.014	13	312.0	1.98	177	.090	2	3.11	.006	.11	<.1	.01	10.3	.2	<.05	8	<.5
WRB-27	.3	24.9	2.5	64	<.1	153.9	26.1	223	3.35	3.2	.4	1.1	2.2	57	<.1	.2	.1	61	1.04	.293	12	118.9	1.50	297	.225	<1	2.18	.027	.57	.1	.01	2.8	.2	<.05	8	<.5
WRB-28	.2	17.7	1.6	31	<.1	7.3	9.1	187	1.99	2.8	.1	.9	1.4	11	<.1	.1	<.1	49	.36	.031	4	12.4	.68	97	.085	<1	1.64	.032	.06	<.1	.01	3.9	<.1	<.05	3	<.5
WRB-29	.8	21.4	7.1	54	<.1	52.1	14.1	389	3.05	6.2	.7	3.0	6.0	34	<.1	.4	.1	59	.49	.029	17	61.1	.45	499	.041	2	1.72	.021	.08	<.1	.03	5.0	.1	<.05	5	.5
WRB-30	.5	42.1	6.4	54	<.1	27.4	9.6	183	2.98	5.3	.8	.7	5.6	19	<.1	.3	.1	43	.32	.014	10	48.4	.60	170	.036	2	2.05	.015	.12	<.1	.01	6.4	.1	<.05	6	.6
WRB-31	.8	26.8	5.2	49	<.1	38.6	10.9	272	2.53	6.9	.3	2.5	1.9	17	.1	.3	.1	57	.24	.023	7	58.8	.70	142	.110	<1	1.73	.012	.05	.1	.01	2.4	.1	<.05	6	<.5
WRC-01	.7	25.4	6.3	59	<.1	37.3	16.8	383	3.68	7.6	.6	2.4	3.8	18	.1	.4	.1	71	.24	.041	11	51.7	.89	142	.099	1	2.29	.012	.10	.1	.02	4.4	.1	<.05	6	.5
STANDARD DS5	12.4	144.0	25.7	136	.3	23.7	11.8	737	2.95	17.4	6.6	41.1	2.8	45	5.5	3.9	5.9	59	.73	.092	11	177.0	.64	139	.092	16	1.90	.034	.13	5.0	.18	3.2	1.1	<.05	6	5.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.5	2.5	1.9	40	<.1	4.2	3.8	476	1.75	<.5	1.5	<.5	3.3	82	<.1	<.1	.1	39	.48	.078	6	12.6	.55	244	.125	1	.90	.100	.55	1.4	<.01	3.8	.4	<.05	4	<.5
WRC-02	1.0	61.8	3.4	91	<.1	71.6	24.4	359	2.80	3.0	.6	<.5	3.4	35	.2	.1	.1	57	.27	.037	26	85.3	1.29	199	.112	<.1	2.09	.014	.24	<.1	.01	3.7	.2	<.05	5	.5
WRC-03	.7	40.2	5.6	56	<.1	39.0	14.3	273	2.69	4.5	.7	2.1	4.3	19	<.1	.2	.1	65	.30	.055	22	58.4	.89	153	.118	<.1	1.84	.015	.06	.1	.02	3.9	.1	<.05	5	.5
WRC-04	.3	7.6	3.3	12	<.1	5.0	2.2	51	.83	1.8	.3	.8	.1	7	.1	.1	.1	21	.07	.025	5	10.4	.12	51	.021	<.1	.58	.016	.02	<.1	.02	.5	<.1	<.05	3	<.5
WRC-05	5.2	58.9	158.7	10	1.4	.4	.2	18	1.38	<.5	.3	98.7	.7	3	<.1	.3	2.3	15	.01	.012	1	1.7	.01	69	.069	<.1	.12	.004	.02	<.1	.19	.4	.1	<.05	2	6.2
WRC-06	1.8	43.0	3.3	63	<.1	40.3	17.3	314	3.67	4.1	1.0	<.5	10.1	20	.1	.1	<.1	55	.17	.028	20	57.0	1.25	184	.206	<.1	2.50	.010	.74	.1	.02	2.3	.5	<.05	6	.7
WRC-07	1.3	23.8	9.6	50	<.1	23.8	12.4	332	3.03	10.2	1.0	2.6	4.5	20	.1	.4	.2	75	.20	.040	19	44.8	.60	196	.086	2	2.18	.014	.04	.2	.04	6.1	.1	<.05	7	.7
WRC-08	1.0	52.9	4.0	71	.1	147.5	22.0	404	3.43	3.5	.7	.8	2.2	16	.1	.2	.1	90	.33	.112	12	136.5	1.58	180	.162	<.1	2.27	.017	.54	.1	.01	3.5	.2	<.05	7	.5
WRC-09	1.3	175.7	6.8	47	.1	132.7	19.9	239	2.68	6.6	.9	2.2	2.7	20	.1	.3	.1	65	.30	.047	15	87.5	.82	145	.100	1	1.98	.014	.07	.1	.04	3.9	.2	<.05	6	.7
WRC-10	.7	34.7	6.3	52	<.1	53.9	14.2	374	2.68	6.7	.7	3.0	3.5	22	.1	.2	.1	63	.30	.059	15	71.8	.89	187	.108	1	1.85	.013	.10	.1	.02	4.7	.1	<.05	6	<.5
WRC-11	1.0	32.4	7.2	45	.1	36.9	11.1	269	2.56	5.6	.8	.8	3.0	22	.1	.2	.1	63	.30	.052	14	54.1	.76	126	.089	<.1	1.90	.012	.07	.1	.03	3.9	.1	<.05	5	.5
WRC-12	.9	26.1	5.8	39	<.1	26.8	9.8	242	2.50	5.8	.6	2.1	.5	16	.1	.3	.1	64	.25	.069	9	36.9	.53	124	.060	1	1.62	.015	.05	.1	.02	2.8	.1	<.05	6	.5
WRC-13	1.6	41.6	4.4	72	.1	49.8	24.4	275	3.77	5.8	.5	.5	2.2	19	.1	.2	.1	99	.35	.105	10	64.5	1.25	174	.193	<.1	2.88	.014	.40	.1	.02	4.4	.2	<.05	9	<.5
WRC-14	.8	77.0	7.4	44	<.1	76.0	29.0	548	3.60	3.0	1.3	<.5	4.6	32	<.1	.1	<.1	41	.41	.093	15	51.4	.82	84	.059	<.1	1.75	.005	.04	.2	.01	4.3	.1	<.05	3	.5
WRC-15	.7	19.2	6.0	46	<.1	25.9	9.4	321	2.32	5.7	.9	1.6	5.5	15	.1	.3	.1	48	.14	.014	19	55.9	.68	122	.090	1	1.73	.010	.15	.1	.03	4.3	.1	<.05	5	.5
WRC-16	.6	46.8	6.9	47	<.1	60.0	19.8	416	2.87	6.1	.5	1.3	3.7	29	.1	.2	.1	60	.34	.047	9	81.0	.96	158	.122	<.1	2.11	.011	.07	.1	.01	3.8	.1	<.05	6	<.5
WRC-17	.8	32.4	7.2	50	.1	34.8	11.9	315	2.77	7.3	.6	2.1	4.1	32	<.1	.3	.2	66	.38	.035	13	53.4	.68	204	.102	2	2.11	.018	.05	.1	.02	4.2	.1	<.05	6	<.5
WRC-18	.7	27.8	7.1	49	<.1	68.6	14.9	338	2.92	7.4	.5	1.9	2.8	23	.1	.3	.1	75	.31	.049	11	114.5	.82	172	.097	1	2.14	.015	.05	.1	.03	5.2	.1	<.05	7	<.5
RE WRC-18	.7	26.9	6.7	47	<.1	62.8	14.8	327	2.84	7.4	.5	2.0	2.5	21	.1	.3	.1	72	.28	.050	10	106.3	.79	174	.086	1	2.00	.013	.04	.1	.03	4.7	.1	<.05	6	.5
WRC-19	.6	45.4	1.3	57	<.1	254.4	39.8	304	3.63	1.5	.3	<.5	2.5	25	<.1	.1	<.1	71	.35	.049	14	669.5	2.33	205	.202	<.1	2.27	.008	.66	<.1	.01	3.3	.4	<.05	8	<.5
WRC-20	1.3	47.9	6.3	52	.1	63.7	18.9	355	3.52	8.0	.4	.9	3.6	17	<.1	.4	.1	79	.27	.042	9	65.3	.90	129	.163	1	2.27	.014	.06	.1	.02	3.1	.1	<.05	8	<.5
WRC-21	1.0	77.2	9.1	53	.1	47.7	15.4	532	2.72	8.5	.3	1.7	1.6	19	.2	.4	.1	57	.27	.075	6	54.8	.53	181	.085	<.1	1.22	.015	.08	<.1	.01	2.0	.1	<.05	6	<.5
WRC-22	.8	46.9	6.2	49	<.1	47.8	18.1	316	3.16	7.7	.8	2.6	6.2	21	<.1	.3	.1	71	.26	.042	18	49.3	.78	215	.101	<.1	2.28	.013	.06	.1	.03	4.9	.1	<.05	6	<.5
WRC-23	.7	31.4	4.7	46	<.1	59.4	14.1	238	2.61	3.7	.4	.8	2.9	14	<.1	.2	.1	54	.25	.050	7	80.3	1.08	124	.113	1	2.07	.010	.12	<.1	.01	3.4	.1	<.05	5	<.5
WRC-24	.3	21.7	3.9	31	<.1	38.0	7.4	192	1.84	2.3	.3	.6	3.0	11	<.1	.1	<.1	31	.15	.014	7	69.0	.76	96	.094	<.1	1.30	.012	.13	<.1	.01	2.6	.1	<.05	4	<.5
WRC-25	1.3	16.2	12.5	41	<.1	18.8	8.5	191	2.73	9.2	.8	2.1	4.6	12	.1	.4	.2	67	.11	.028	13	39.0	.37	133	.046	<.1	1.59	.010	.07	.1	.02	4.7	.1	<.05	6	<.5
WRC-26	.6	21.1	6.4	46	<.1	26.4	11.9	293	2.78	5.7	.4	1.2	3.0	20	.1	.3	.1	71	.23	.016	13	50.5	.84	177	.120	<.1	2.08	.010	.06	.1	.02	3.7	.1	<.05	6	<.5
WRC-27	.8	35.8	8.2	44	.1	53.4	15.0	442	2.81	7.1	1.3	3.1	5.8	22	<.1	.4	.1	60	.29	.032	20	45.7	.60	395	.073	1	1.59	.016	.06	.1	.07	7.5	.1	<.05	5	.5
WRC-28	.7	15.0	4.0	53	<.1	27.5	11.7	402	2.54	5.1	.4	2.1	2.4	17	.1	.2	.1	56	.31	.065	8	43.2	1.03	116	.131	1	1.58	.010	.25	.1	.01	2.1	.1	<.05	6	<.5
WRC-29	.4	12.5	2.5	44	<.1	28.2	10.5	224	1.71	2.6	.3	.9	3.2	11	<.1	.1	.1	30	.24	.040	5	26.6	.95	71	.120	<.1	1.33	.006	.17	.1	.01	1.0	.1	<.05	4	<.5
WRC-30	1.1	51.7	9.1	54	<.1	40.3	16.1	295	3.07	8.8	.5	1.8	2.9	20	.1	.5	.2	80	.23	.020	9	45.0	.55	227	.120	1	2.55	.016	.03	.1	.02	4.3	.1	<.05	7	<.5
WRC-31	1.1	35.0	9.3	47	.1	31.2	13.8	308	2.98	9.5	1.0	2.0	3.4	35	<.1	.3	.2	77	.49	.037	15	43.7	.57	269	.079	2	2.28	.020	.05	.1	.02	4.8	.1	<.05	7	.6
WRC-32	.2	49.9	2.2	68	<.1	193.3	30.9	532	3.92	22.1	.2	1.4	1.4	39	<.1	.2	<.1	114	.95	.064	7	381.6	2.84	145	.095	<.1	2.77	.009	.04	<.1	.01	10.6	.2	<.05	8	.5
STANDARD DSS	13.1	144.1	25.6	137	.3	25.0	12.5	791	2.99	18.0	6.2	43.5	2.9	49	5.7	3.8	6.3	62	.73	.100	12	198.8	.70	135	.096	17	1.99	.035	.15	5.1	.18	3.4	1.1	<.05	7	5.2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.





1000762241

DATE DUE